

## NEWFIELD



October 28, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 15-24-9-15, 16-24-9-15, 3-25-9-15, 6-25-9-15, 8-25-9-15, 9-25-9-15, 10-25-9-15, 15-25-9-15, and 16-25-9-15. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 15-24-9-15, 6-25-9-15, 8-25-9-15, and 10-25-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**

**OCT 31 2005**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
UTU-66185

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
Ashley

8. Lease Name and Well No.  
Ashley Federal 16-25-9-15

9. API Well No.  
43-013-32951

10. Field and Pool, or Exploratory  
Monument ~~Butte~~ Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area  
SE/SE Sec. 25, T9S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Newfield Production Company

3a. Address  
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface SE/SE 708' FSL 850' FEL 570558X 39.994691  
At proposed prod. zone 4427507Y 110.173469

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 16.6 miles southwest of Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 708' f/le, 708' f/unit

16. No. of Acres in lease  
2,286.43

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1110'

19. Proposed Depth  
5870'

20. BLM/BIA Bond No. on file  
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6405' GL

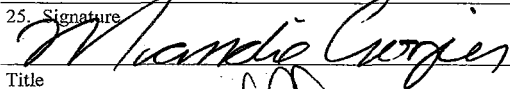
22. Approximate date work will start\*  
1st Quarter 2006

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

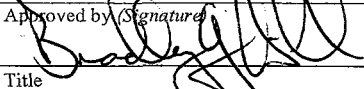
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
  
Title  
Regulatory Specialist

Name (Printed/Typed)  
Mandie Crozier

Date  
10/28/05

Approved by Signature  
  
Title  
Office

BRADLEY G. HILL  
ENVIRONMENTAL SCIENTIST III

Name (Printed/Typed)

Date  
11-02-05

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

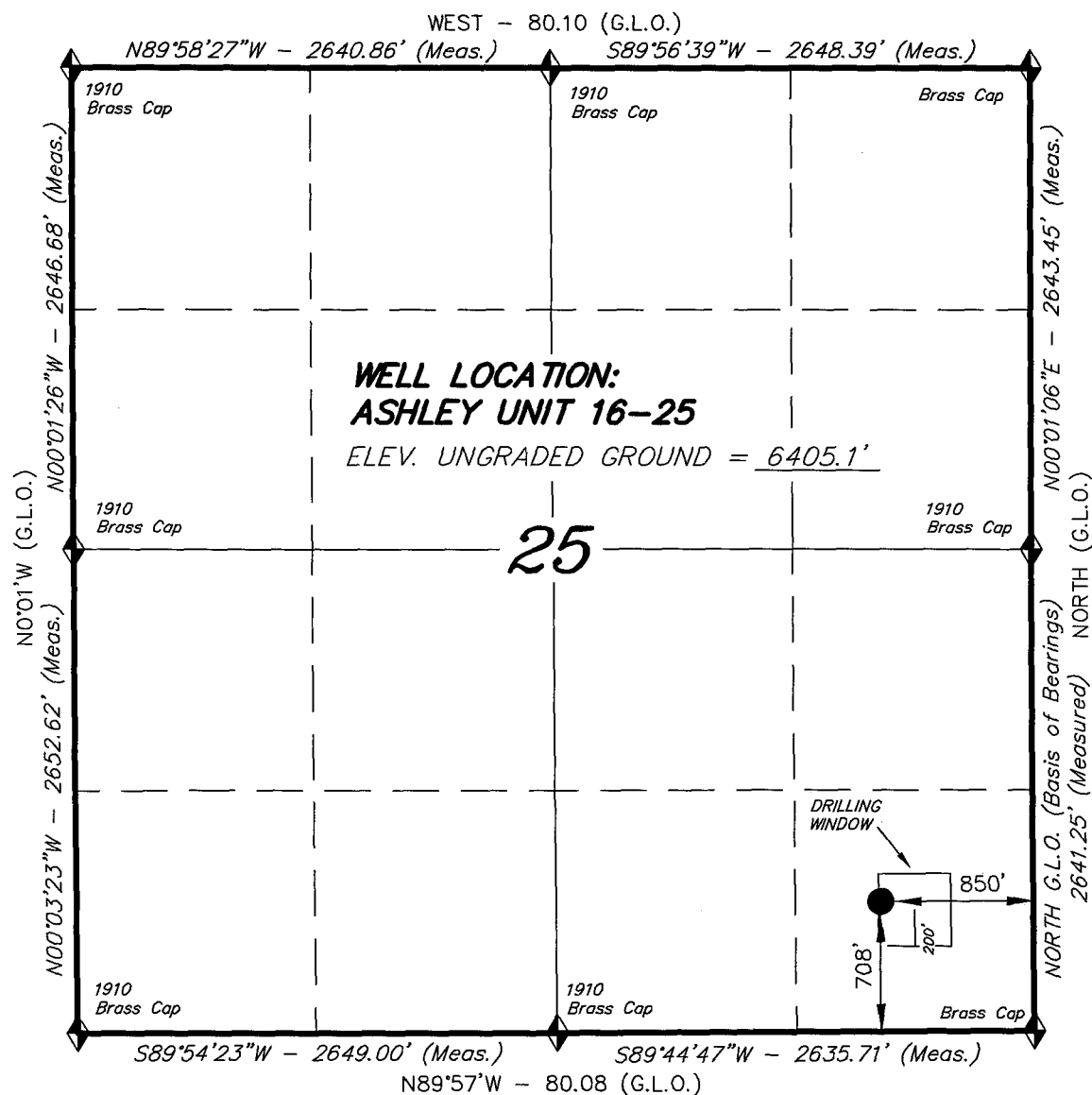
Federal Approval of this  
Action is Necessary

RECEIVED  
OCT 31 2005

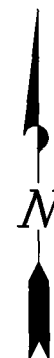
DIV. OF OIL, GAS & MINING

**T9S, R15E, S.L.B.&M.**

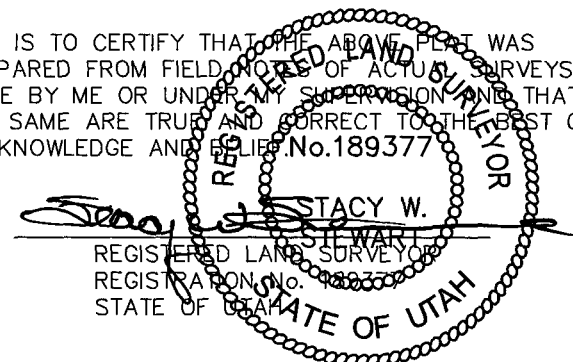
**NEWFIELD PRODUCTION COMPANY**



WELL LOCATION, ASHLEY UNIT 16-25,  
LOCATED AS SHOWN IN THE SE 1/4 SE  
1/4 OF SECTION 25, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (GILSONITE DRAW)

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 9-16-05

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY  
ASHELY FEDERAL #16-25-9-15  
SE/SE SECTION 25, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2450'
Green River	2450'
Wasatch	5870'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2450' – 5870' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



**NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #16-25-9-15  
SE/SE SECTION 25, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #16-25-9-15 located in the SE 1/4 SE 1/4 Section 25, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 12.3 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed southwesterly and then northeasterly along the proposed access road - 4,570'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

All permanent surfaces equipment will be painted Olive Black.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 8/29/05. See attached report cover pages, Exhibit "D".

For the Ashley Federal #16-25-9-15 Newfield Production Company requests 570' of disturbed area be granted in Lease UTU-74391 and 4000' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests requests 570' of disturbed area be granted in Lease UTU-74391 and 4000' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Golden Eagle:** Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	3 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #16-25-9-15 was on-sited on 7/12/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**Representative

Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

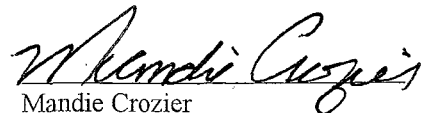
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-25-9-158 SE/SE Section 25, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

October 29, 2005

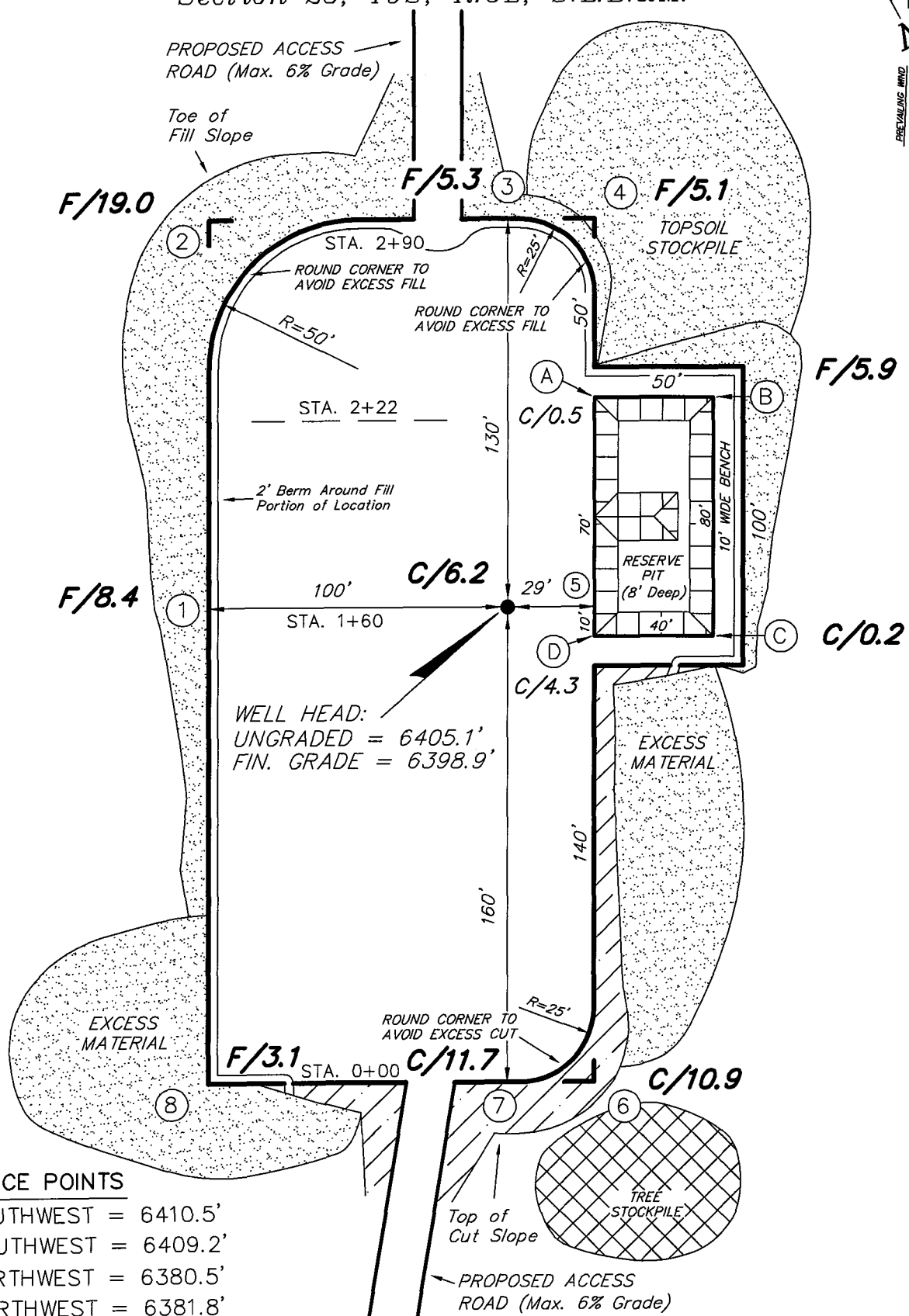
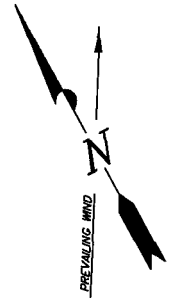
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 16-25

Section 25, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

210' SOUTHWEST = 6410.5'  
 260' SOUTHWEST = 6409.2'  
 150' NORTHWEST = 6380.5'  
 200' NORTHWEST = 6381.8'

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-16-05

**Tri State**  
 Land Surveying, Inc.

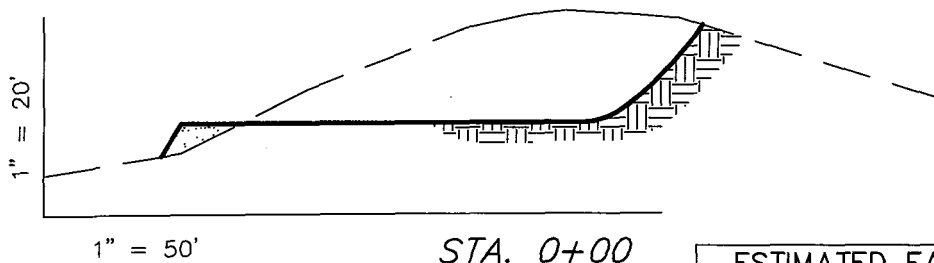
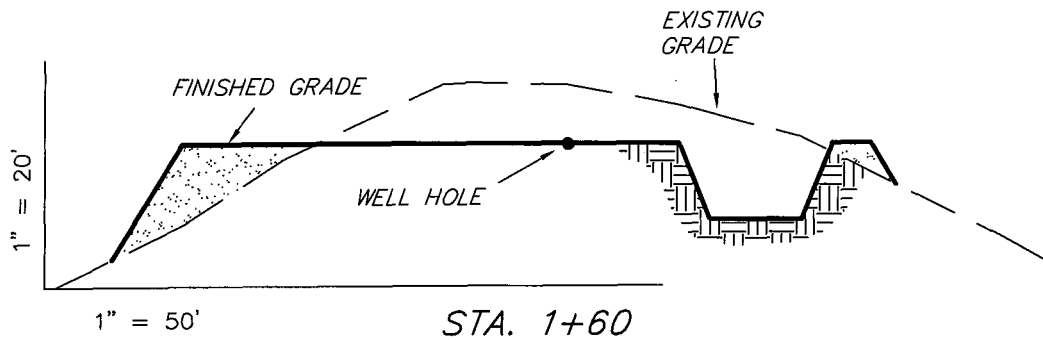
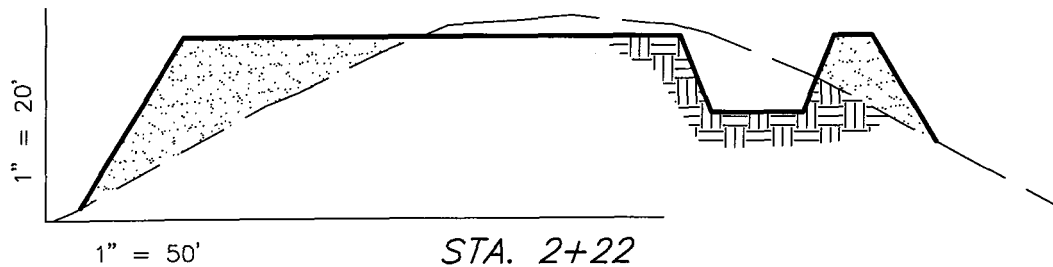
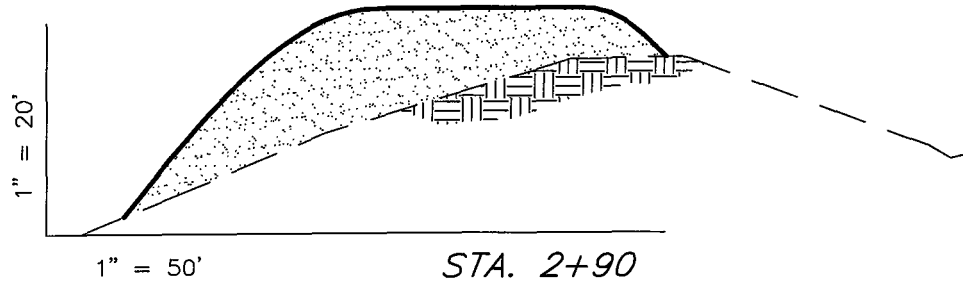
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 16-25



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

#### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,660	4,660	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,300	4,660	990	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-16-05

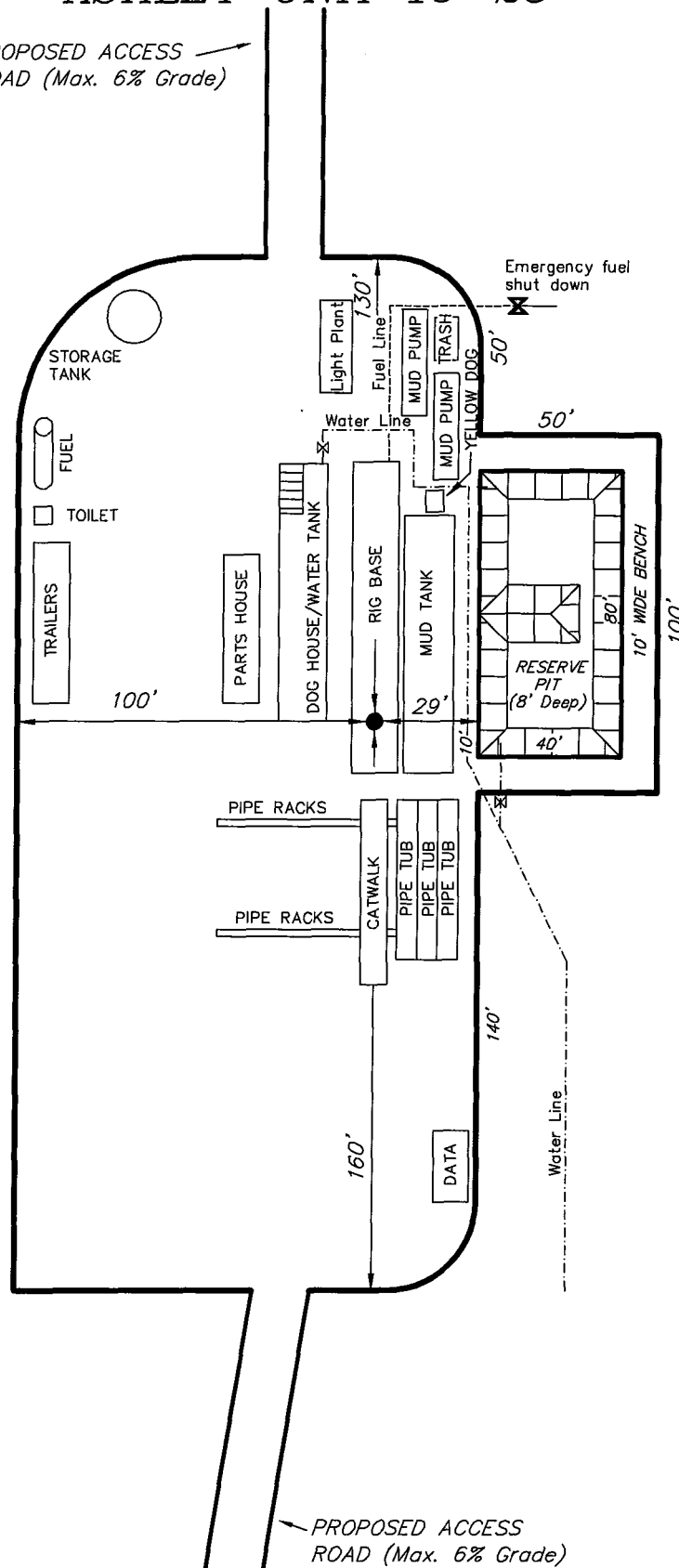
Tri State  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 16-25

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



PROPOSED ACCESS  
ROAD (Max. 6% Grade)

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

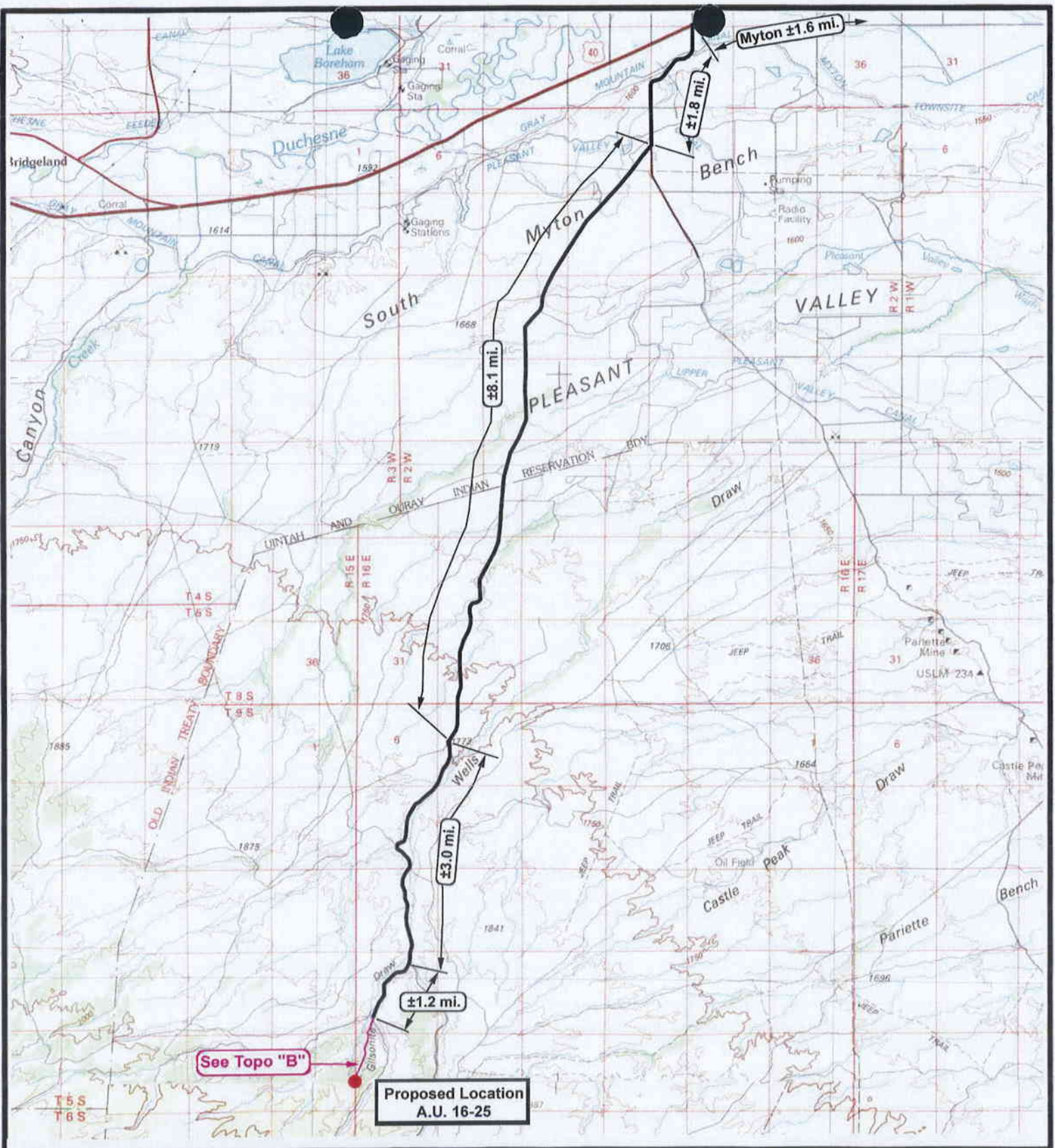
DATE: 9-16-05




**Tri State**  
Land Surveying, Inc.

(435) 781-2501

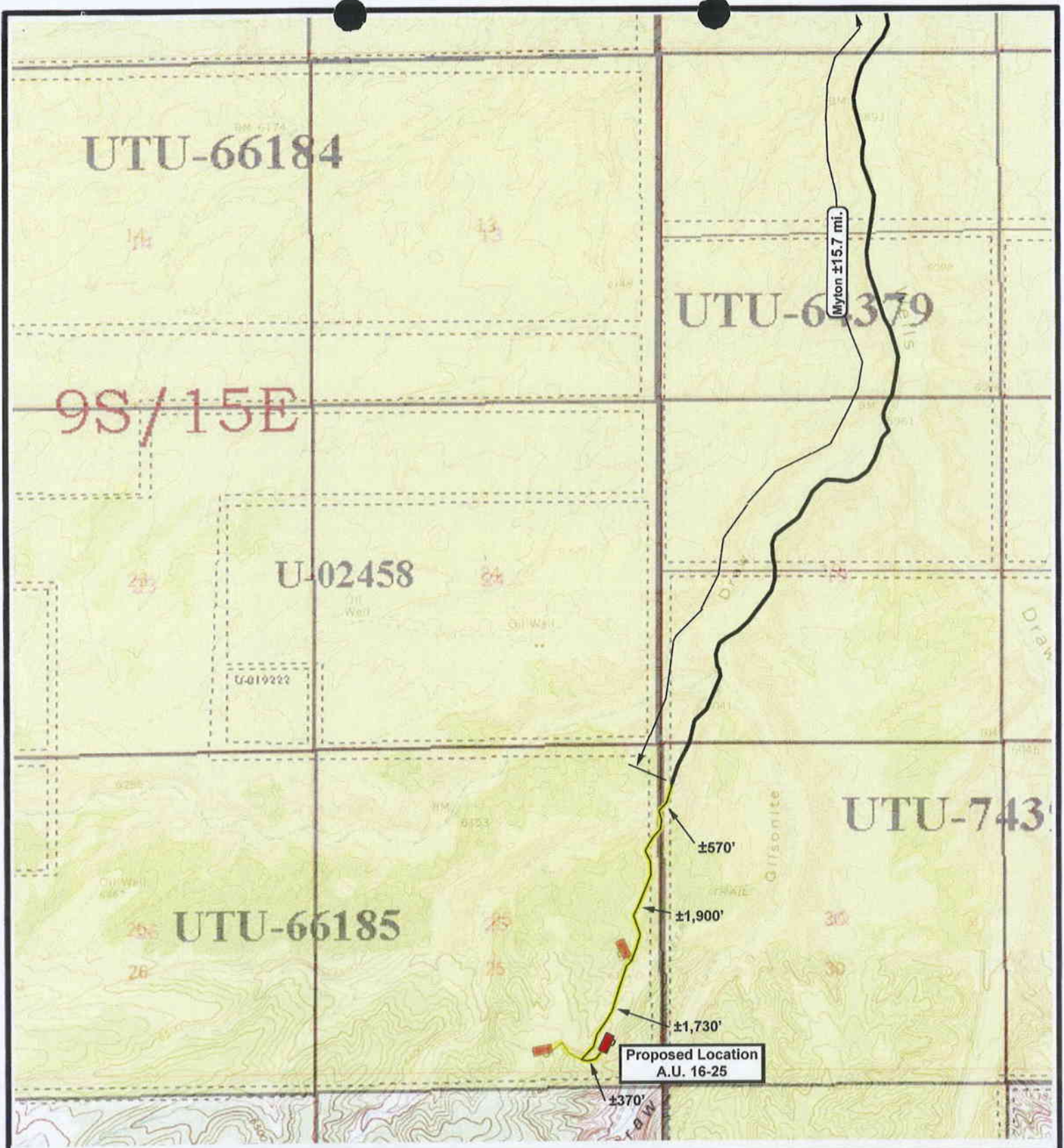
180 NORTH VERNAL AVE. VERNAL, UTAH 84078





 <p><b>NEWFIELD</b> Exploration Company</p> <p><b>Ashley Unit 16-25-9-15</b> <b>SEC. 25, T9S, R15E, S.L.B.&amp;M.</b></p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1 = 100,000 DRAWN BY: mw DATE: 09-20-2005</p>	<p><b>Legend</b></p> <p>Existing Road Proposed Access</p> <p><b>TOPOGRAPHIC MAP</b></p> <p><b>"A"</b></p>
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**NEWFIELD**  
Exploration Company

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**Ashley Unit 16-25-9-15**  
**SEC. 25, T9S, R15E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

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SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 09-20-2005

**Legend**

Existing Road

Proposed Access

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**TOPOGRAPHIC MAP**

**"B"**





**NEWFIELD**  
Exploration Company

**Ashley Unit 16-25-9-15**  
**SEC. 25, T9S, R15E, S.L.B.&M.**

**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 09-20-2005

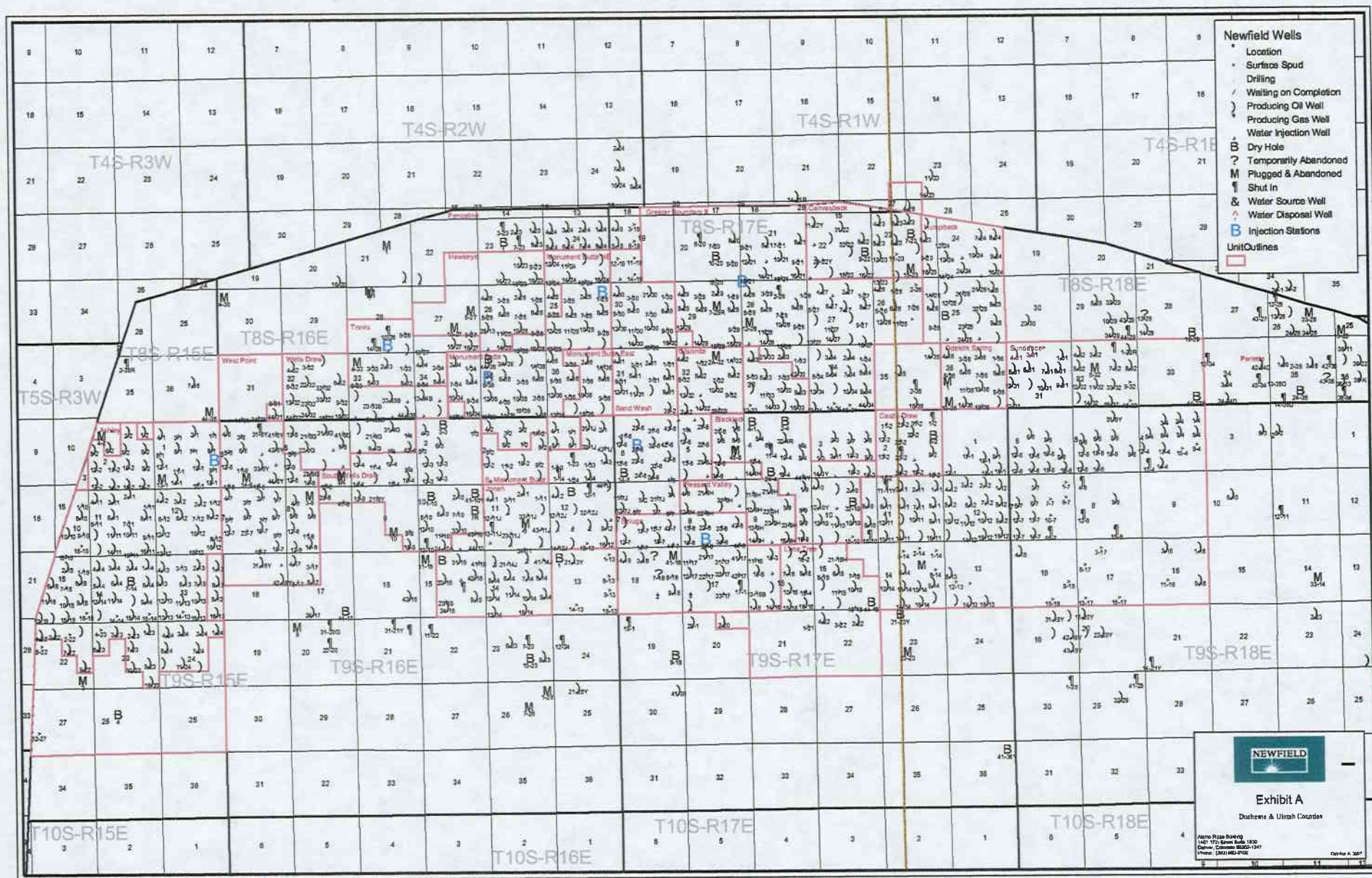
**Legend**

— Roads  
- - - Proposed Gas Line

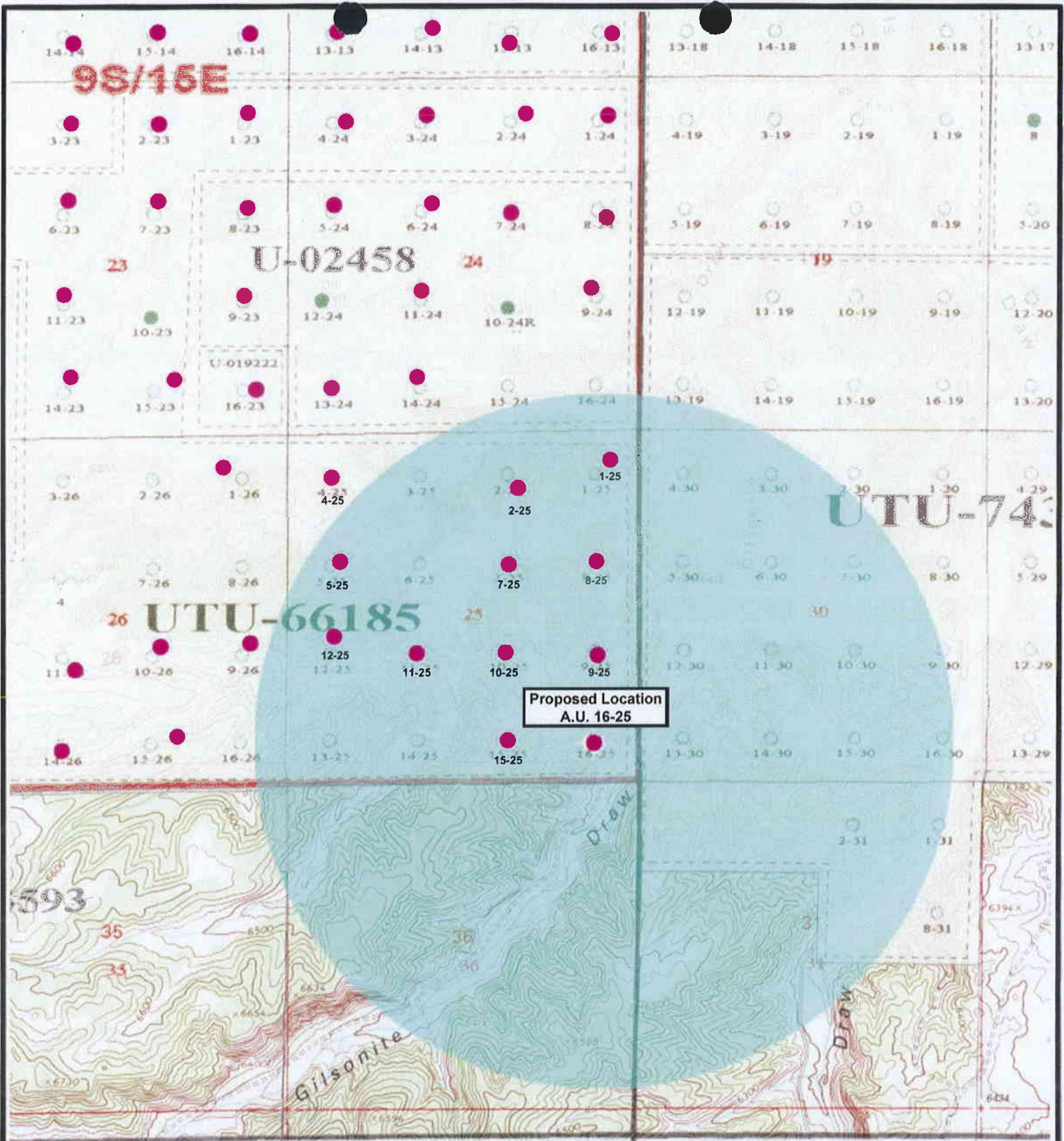
**TOPOGRAPHIC MAP**


**"C"**











**NEWFIELD**  
Exploration Company

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**Ashley Unit 16-25-9-15**  
**SEC. 25, T9S, R15E, S.L.B.&M.**





**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078


---


**SCALE:** 1" = 2,000'

**DRAWN BY:** mw

**DATE:** 09-20-2005

**Legend**

 **Proposed Location**

 **One-Mile Radius**

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**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

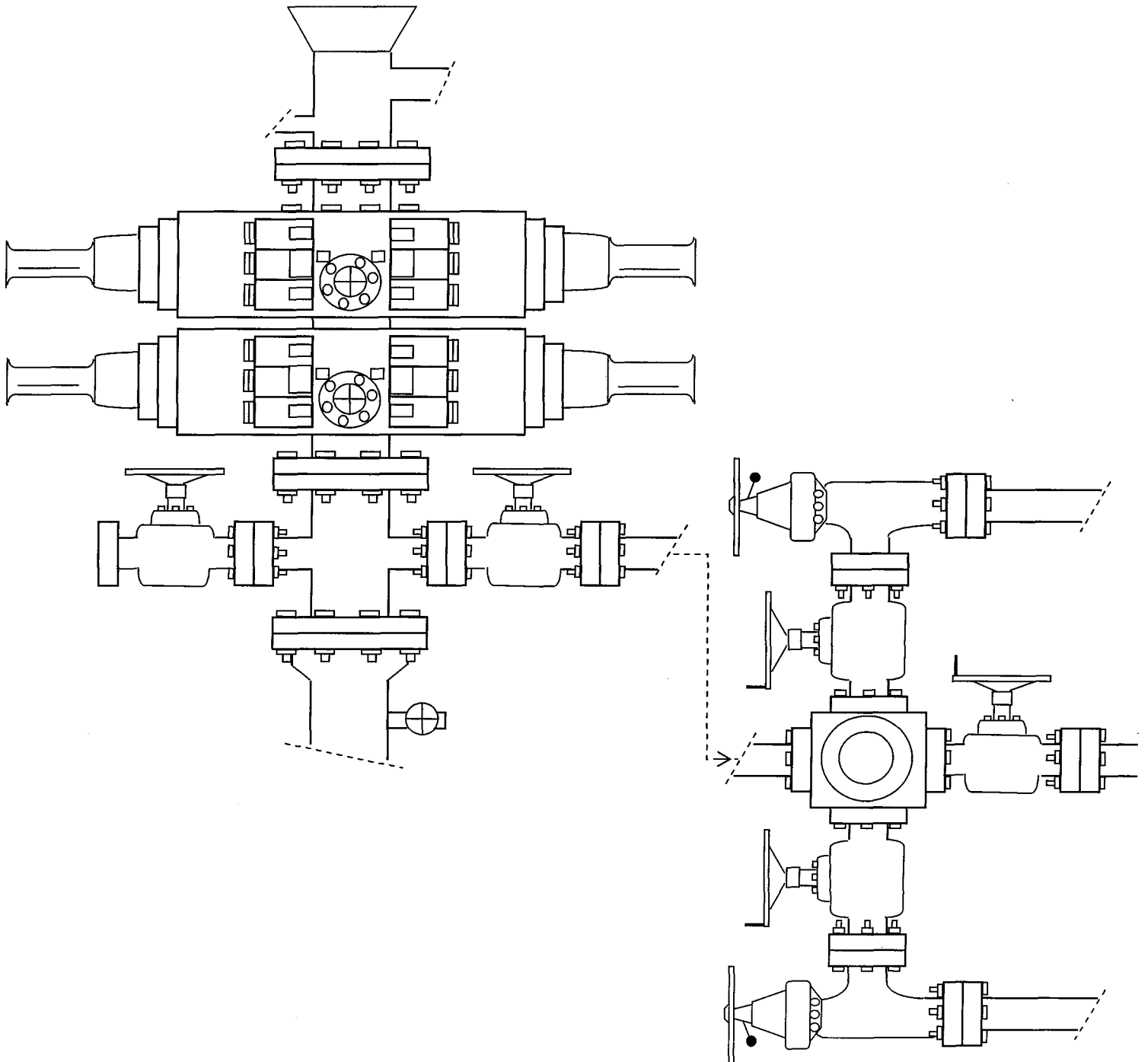


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL  
IN TOWNSHIP 9 SOUTH, RANGE 15 EAST  
SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

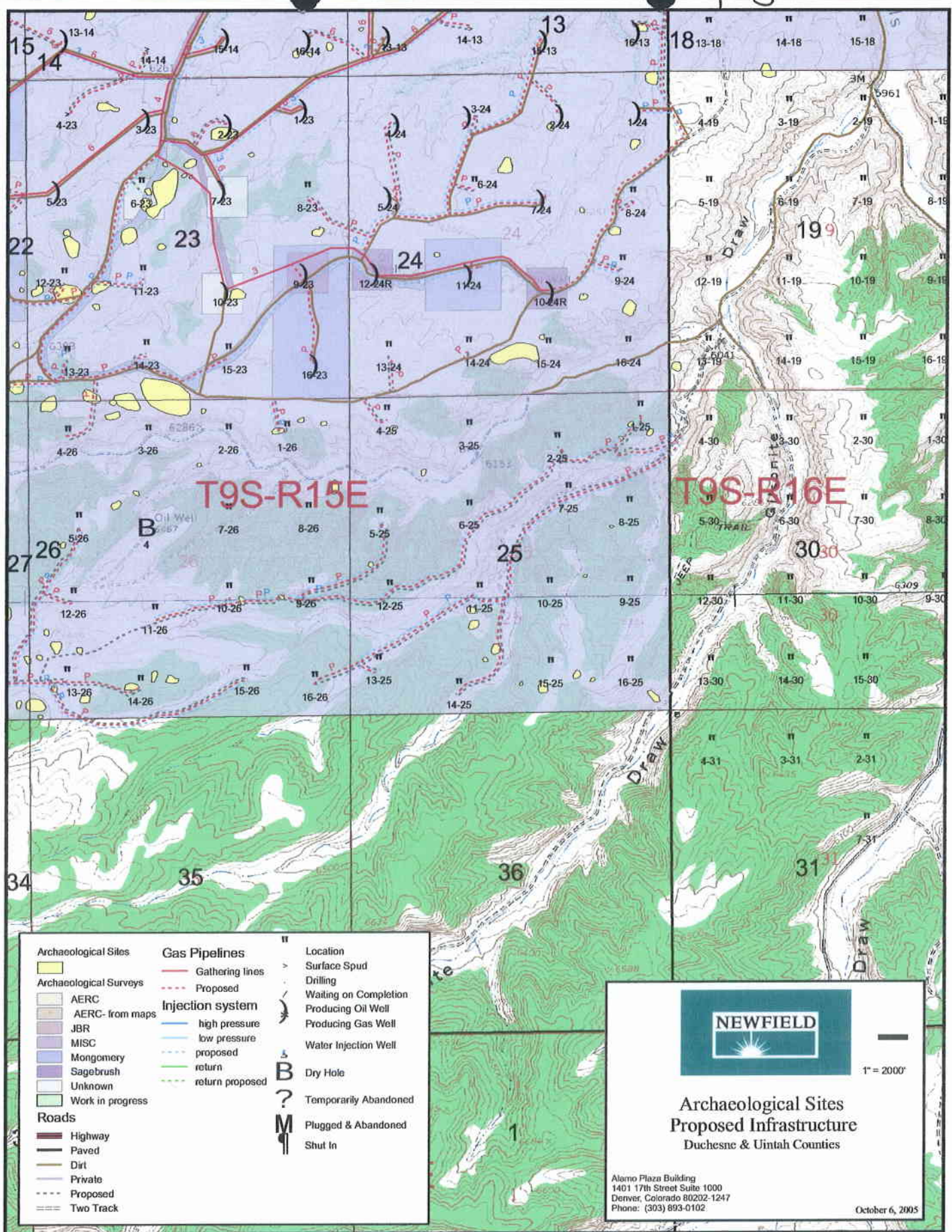
MOAC Report No. 04-205

June 28, 2005


United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1417b





<b>Archaeological Sites</b>	<b>Gas Pipelines</b>	<b>Location</b>
Yellow box: Archaeological Sites	Red line: Gathering lines	> Surface Spud
Archaeological Surveys	Dashed red line: Proposed	Drilling
Light brown box: AERC	<b>Injection system</b>	Waiting on Completion
Brown box: AERC- from maps	Blue line: high pressure	Producing Oil Well
Purple box: JBR	Light blue line: low pressure	Producing Gas Well
Light purple box: MISC	Dashed blue line: proposed	Water Injection Well
Dark purple box: Montgomery	Green line: return	B Dry Hole
Green box: Sagebrush	Dashed green line: return proposed	? Temporarily Abandoned
White box: Unknown		M Plugged & Abandoned
Light green box: Work in progress		Shut In
<b>Roads</b>		
Thick brown line: Highway		
Thin brown line: Paved		
Thin brown line: Dirt		
Thin brown line: Private		
Dashed brown line: Proposed		
Double dashed brown line: Two Track		



1" = 2000'

### Archaeological Sites Proposed Infrastructure

Duchesne & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

October 6, 2005

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

NE1/4, NW 1/4 Section 34, T 9 S, R 15 E [3-34-9-15]; Entire Section 25,  
T 9 S, R 15 E [1 through 16-25-9-15]; Entire Section 26, T 9 S, R 15 E  
[1 through 16-26-9-15]

**REPORT OF SURVEY**

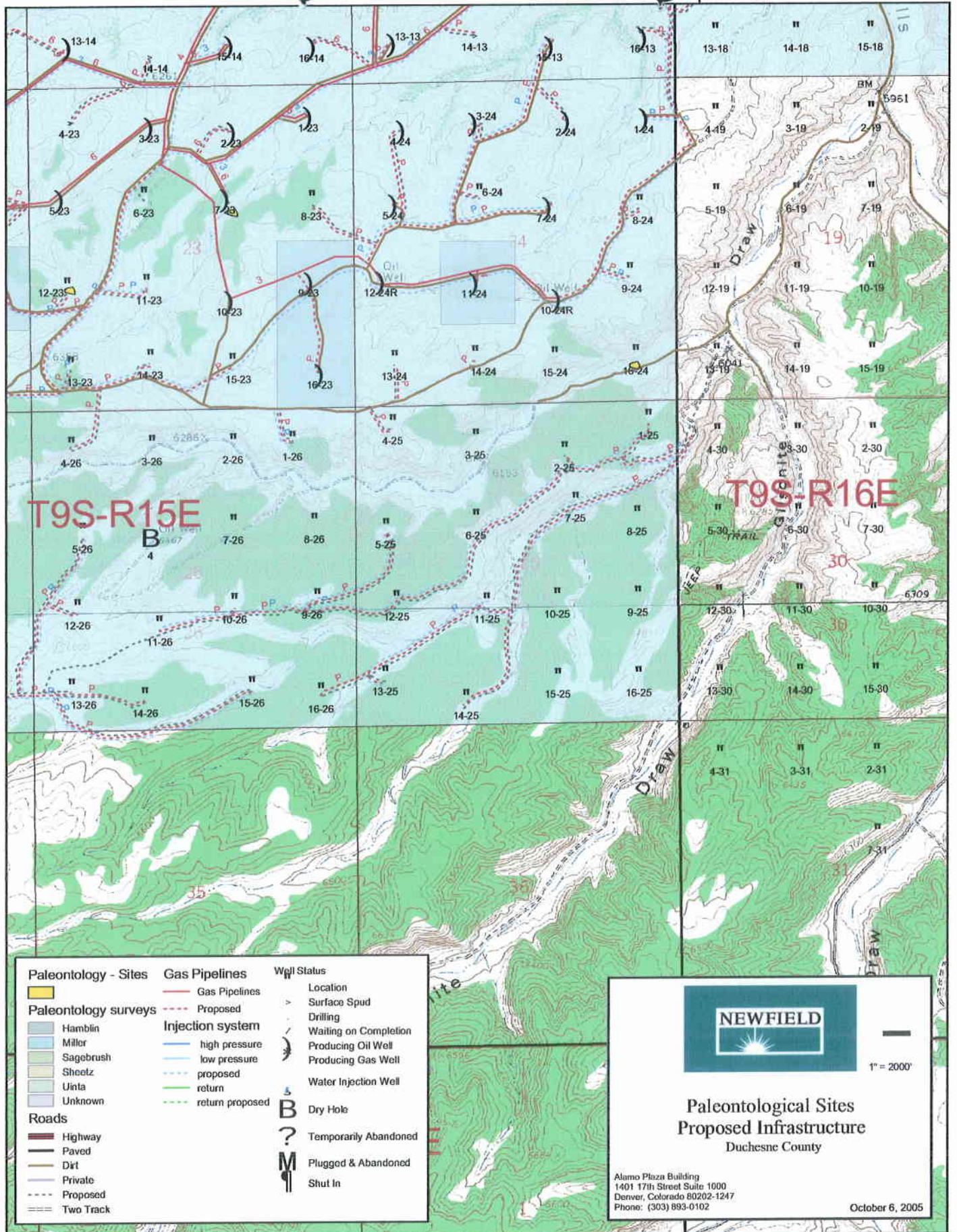
Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
August 29, 2005







WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/31/2005

API NO. ASSIGNED: 43-013-32951

WELL NAME: ASHLEY FED 16-25-9-15

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 25 090S 150E

SURFACE: 0708 FSL 0850 FEL

BOTTOM: 0708 FSL 0850 FEL

DUCHESNE

UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 39.99669

LONGITUDE: -110.1735

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_\_ R649-2-3.  
Unit ASHLEY  
\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting  
\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: Sep. Separate Ltr

STIPULATIONS: 1- Federal Approval



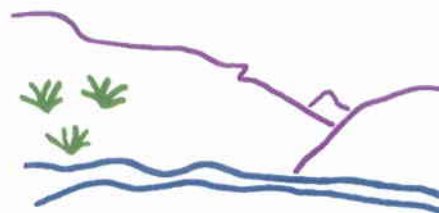
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 25 T. 9S R. 15E

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 1-NOVEMBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

November 2, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit, Duchesne County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32943	Ashley Fed 15-24-9-15 Sec 24 T09S R15E 0358 FSL 1810 FEL	
43-013-32944	Ashley Fed 16-24-9-15 Sec 24 T09S R15E 0590 FSL 0799 FEL	
43-013-32945	Ashley Fed 3-25-9-15 Sec 25 T09S R15E 0716 FNL 2029 FWL	
43-013-32946	Ashley Fed 6-25-9-15 Sec 25 T09S R15E 1546 FNL 2069 FWL	
43-013-32947	Ashley Fed 8-25-9-15 Sec 25 T09S R15E 2248 FNL 0857 FEL	
43-013-32948	Ashley Fed 9-25-9-15 Sec 25 T09S R15E 2121 FSL 0630 FEL	
43-013-32949	Ashley Fed 10-25-9-15 Sec 25 T09S R15E 2082 FSL 1661 FEL	
43-013-32950	Ashley Fed 15-25-9-15 Sec 25 T09S R15E 0570 FSL 1822 FEL	
43-013-32951	Ashley Fed 16-25-9-15 Sec 25 T09S R15E 0708 FSL 0850 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:11-2-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 2, 2005

Newfield Production  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 16-25-9-15 Well, 708' FSL, 850' FEL, SE SE, Sec. 25,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32951.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Newfield Production  
Well Name & Number Ashley Federal 16-25-9-15  
API Number: 43-013-32951  
Lease: UTU-66185

Location: SE SE                      Sec. 25                      T. 9 South                      R. 15 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-66185**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or C/A, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 16-25-9-15**

9. API Well No.

**43-013-32951**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒

Oil  
Well

☐

Gas  
Well

☐

Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**708 FSL 850 FEL**

**SE/SE Section 25, T9S R15E**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

**Permit Extension**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/2/05 (expiration 11/2/06).

This APD has not been approved yet by the BLM.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date:

**10-30-06**

By:

**[Signature]**

**COPY SENT TO OPERATOR**

Date:

**10-31-06**

Initials:

**RM**

14. I hereby certify that the foregoing is true and correct.

Signature

**[Signature]**

Regulatory Specialist

Date

**10-27-2006**

Mandie Crozier

CURTIS W. BORG

Chief, Regulatory Section

Approved by

**RECEIVED**

**OCT 30 2006**

**DIV. OF OIL, GAS & MINING**



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32951  
**Well Name:** Ashley Federal 16-25-9-15  
**Location:** SE/SE Section 25, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 11/2/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

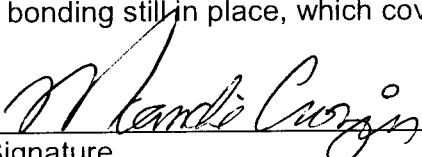
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

10/27/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**  
**OCT 30 2006**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ASHLEY (GR RVR)

8. Well Name and No.

ASHLEY FEDERAL 16-25-9-15

9. API Well No.

43-013-32951

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

## SUBMIT IN TRIPLICATE

1. Type of Well

Oil  
WellGas  
Well

Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

708 FSL 850 FEL

SE/SE Section 25, T9S R15E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

## TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Permit Extension



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-  
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/02/05 (expiration 11/02/07).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-31-07

By: [Signature]

RECEIVED

OCT 31 2007

DIV. OF OIL, GAS &amp; MINING

COPY SENT TO OPERATOR

Date: 11-1-07

Initials: DM

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

10/30/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32951  
**Well Name:** Ashley Federal 16-25-9-15  
**Location:** SE/SE Section 25, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 11/2/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☒ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

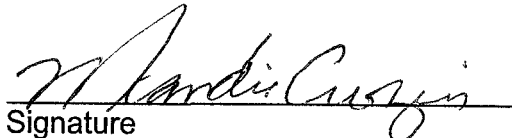
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

10/30/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 16-25-9-15

Api No: 43-013-32951 Lease Type: FEDERAL

Section 25 Township 09S Range 15E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

### **SPUDDED:**

Date 04/11/08

Time 9:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JIM SMITH

Telephone # (435) 823-2073

Date 04/14/08 Signed CHD

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16803	4304736301	FEDERAL 3-3-9-18	NENW	3	9S	18E	UINTAH	4/11/2008	4/28/08
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	14844	4304734013	<i>Sundance</i> FEDERAL 2-6-9-18	NWNE	6	9S	18E	UINTAH	4/12/2008	4/28/08
<i>GRRV</i> <i>BHL = NWNE</i> <i>Sundance Unit</i>											
B	99999	14844	4304734425	<i>Sundance</i> FEDERAL 3-6-9-18	NENW	6	9S	18E	UINTAH	4/13/2008	4/28/08
<i>GRRV</i> <i>BHL = NENW</i> <i>Sundance Unit</i>											
B	99999	16804	4301332951	ASHLEY FED 16-25-9-15	SESE	25	9S	15E	DUCHESNE	4/12/2008	4/28/08
<i>GRRV</i> <i>NOT IN UNIT PA YET</i>											
A	99999	16805	4301333848	STATE 4-16-9-16	NWNW	16	9S	16E	DUCHESNE	4/1/2008	4/28/08
WELL 5 COMMENTS: <i>GRRV</i>											
A	99999	16806	4301333604	ASHLEY FED 1-27-9-15	NWNW	26	9S	15E	DUCHESNE	4/15/2008	4/28/08
<i>GRRV</i> <i>BHL</i> <i>Sec 27 Sec NENE</i> <i>NOT IN UNIT PA YET</i>											

ACTION CODES (See instructions on back of form)  
A - new entity for new well (single well only)  
B - well is existing entity (group or individual well)  
C - from one existing entity to another existing entity  
D - well from one existing entity to a new entity  
E - Unit (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Production Clerk

04/18/08  
Date

Jenri Park

DIV. OF OIL, GAS & MINING

APR 17 2008

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESE Section 25 T9S R15E

5. Lease Serial No.

Ashley Federal 16-25-9-15

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA AB

8. Well Name and No.

ASHLEY FEDERAL 16-25-9-15

9. API Well No.

4301332951

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/13/08 MIRU Ross # 24. Spud well @ 9:30 am. Drill 320' of 12 1/4" hole with air mist. T1H W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.89'KB. On 4/14/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Title

Drilling Foreman

Signature

Date

04/16/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

APR 18 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.89

LAST CASING 8 5/8" set @ 323.89  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING  
 DATUM TO BRADENHEAD FLANGE  
 TD DRILLER 303' LOGGER  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Fed 16-25-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.16'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	321.48
LAST CASING		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	313.89
TOTAL LENGTH OF STRING	313.89	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS LEFT OUT	0		CASING SET DEPTH	323.89

FEET TOTAL	312.04	7	} COMPARE
TOTAL CSG DEL. (W/O THRS)	312.04	7	

THIRD STAGE	1ST STAGE	
BEGIN RUN CSG. Spud	4/13/2008	9:30 AM
CSG. IN HOLE	4/13/2008	4:30 PM
BEGIN CIRC	4/14/2008	7:05 PM
BEGIN PUMP CMT	4/14/2008	7:15 PM
BEGIN DSPL. CMT	4/14/2008	7:33 PM
PLUG DOWN	4/14/2008	7:40 PM
GOOD CIRC THRU JOB	Yes	
Bbls CMT CIRC TO SURFACE	7	
RECIPROCATED PIPE FOR	N/A	
BUMPED PLUG TO	500	PSI

CEMENT USED	CEMENT COMPANY- B. J.
STAGE # SX	CEMENT TYPE & ADDITIVES
STAGE 1 160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
LESS NON CSG.	
PLUS FULL JTS	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Jim Smith DATE 4/14/2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
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**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESE Section 25 T9S R15E

5. Lease Serial No.

UTU 66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA AB

8. Well Name and No.

ASHLEY FEDERAL 16-25-9-15

9. API Well No.

4301332951

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/16/08 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5827'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 5817.96' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 102,000 #'s tension. Release rig @ 8:00 am 4/21/08.

TYPE OF SUBMIT

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Title

Drilling Foreman

Signature

Date

04/21/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

APR 22 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5817.96

Flt clr @ 5796.73

LAST CASING 8 5/8" Set @ 323.89  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TO DRILLER 5850' TD loggers \_\_\_\_\_  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL Ashley Federal 16-25-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI Rig # 3

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 5.85 @ 3805.32					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5785.43
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	19.98
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5819.96
TOTAL LENGTH OF STRING		5819.96	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS LEFT OUT		279.4	7	CASING SET DEPTH			<b>5817.96</b>
HOLE SIZE TOTAL		6084.11	144	} COMPARE			
TOTAL CSG. DEL. (W/O THRS)		6084.11	144				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		9:00 PM	4/20/2008	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		12:00 AM	4/21/2008	Bbls CMT CIRC to surface <u>15</u>			
BEGIN CIRC		12:20 AM	4/21/2008	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		1:44 AM	4/21/2008	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		2:40 AM	4/21/2008	BUMPED PLUG TO <u>1700</u> PSI			
PLUG DOWN		3:08	4/21/2008				

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>	
STAGE	#SX	CEMENT TYPE & ADDITIVES	
1	300	Premlite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF	
		mixed @ 11.0 ppg W / 3.49 cf/sk yield	
2	425	50/50:2 W/ 2% Gel + 3% KCL, .5%EC1, 1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Don Bastian DATE 4/21/2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: ASHLEY PA AB
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: ASHLEY FEDERAL 16-25-9-15
5. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 25, T9S, R15E		9. API NUMBER: 4301332951
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/20/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05/19/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk  
SIGNATURE DATE 05/20/2008

(This space for State use only)

RECEIVED  
MAY 27 2008  
DIV. OF OIL, GAS & MINING



## Daily Activity Report

Format For Sundry

**ASHLEY 16-25-9-15**

**3/1/2008 To 7/30/2008**

**5/8/2008 Day: 1**

**Completion**

Rigless on 5/7/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5749' & cement top @ 90'. Perforate stage #1, CP2 sds @ 5416-22' & 5382-88' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 48 shots. 138 BWTR. SWIFN.

**5/15/2008 Day: 2**

**Completion**

Rigless on 5/14/2008 - Stage #1, CP2 sands. RU BJ Services. 0 psi on well. Frac CP2 sds w/ 24,901#'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Broke @ 2803 psi. Treated w/ ave pressure of 2468 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2146 psi. Leave pressure on well. 492 BWTR Stage #2, CP1 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 5355'. Perforate CP1 sds @ 5321-30' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1900 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1900 psi on well. Frac CP1 sds w/ 40,028#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 4298 psi. Treated w/ ave pressure of 2246 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2549 psi. Leave pressure on well. 898 BWTR Stage #3, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 5' perf gun. Set plug @ 5160'. Perforate LODC sds @ 5321-30' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 20 shots. RU BJ Services. 2000 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1930 psi on well. Frac LODC sds w/ 14,780#'s of 20/40 sand in 278 bbls of Lightning 17 fluid. Broke @ 3882 psi. Treated w/ ave pressure of 2440 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2407 psi. LeStage #4, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 14' perf gun. Set plug @ 5010'. Perforate LODC sds @ 4934-48' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1930 psi on well. Frac LODC sds w/ 49,944#'s of 20/40 sand in 448 bbls of Lightning 17 fluid. Broke @ 2629 psi. Treated w/ ave pressure of 1904 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2096 psi. Leave pressure on well. 1624 BWTR ave pressure on well. 1176 BWTR Stage #5, B.5 & B1 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 2- 6' perf guns. Set plug @ 4800'. Perforate B1 sds @ 4688-94' & B.5 sds @ 4656-62' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1880 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1743 psi on well. Frac B1 & B.5 sds w/ 15,183#'s of 20/40 sand in 259 bbls of Lightning 17 fluid. Broke @ 4220 psi. Treated w/ ave pressure of 1879 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1772 psi. Leave pressure on well. 1883 BWTR Stage #6, PB7 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 4170'. Perforate PB7 sds @ 4071-78' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots.

RU BJ Services. 1987 psi on well. Frac PB7 sds w/ 14,962#'s of 20/40 sand in 248 bbls of Lightning 17 fluid. Broke @ 4075 psi. Treated w/ ave pressure of 2165 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 1694 psi. Leave pressure on well. 2131 BWTR

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5/16/2008 Day: 3

Completion

NC #1 on 5/15/2008 - 3:30PM MIRU NC#1, N/D 10,000 BOP & Frac Flnge, N/U 3,000 Flnge & 5,000 BOP, SWI, 6:00PM C/SDFN.

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5/17/2008 Day: 4

Completion

NC #1 on 5/16/2008 - 6:30AM OWU, P/U & RIH W/-4 3/4 Bit, Bit Sub, 122 Jts Tbg To Fill @ 3831', R/U R/pmp, R/U Pwr Swvl, C/Out To Plg @ 4020', Drill Up Plg. Swvl I/Hle To Plg @ 4170', Drill Up Plg. Swvl I/Hle To Fill @ 4699', C/Out To Plg @ 4800', Drill Up Plg. Swvl I/Hle To Plg @ 5010', Drill Up Plg. Swvl I/Hle To Fill @ 5113', C/Out To Plg @ 5060' Drill Up Plg, Curc Well Cln. POOH W/-2 Jts Tbg, EOB @ 5119'. SWI, 6:30PM C/SDFN.

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5/18/2008 Day: 5

Completion

NC #1 on 5/17/2008 - 6:30AM OWU, RIH W/Tbg To Plg @ 5355', Drill Up Plg. Swvl I/Hle To Fill @ 5670', Drill & C/Out To PBTD @ 5787', Curc Well Clean 1 Hr. POOH W/-4 Jts Tbg, EOB @ 5684', R/U Swab, RIH IFL @ Surf, Made 13 Swab Runs, Recvred 152 Bbls Wtr, Lite Trce Oil, No Sand. RIH W/-Tbg To PBTD @ 5787', No Fill, R/U R/pmp & Curc Well Cln. POOH W/-91 Jts Tbg, SWI, 6:00PM C/SDFN.

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5/20/2008 Day: 6

Completion

NC #1 on 5/19/2008 - 6:30AM OWU, POOH W/-94 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 2 Jts Tbg, 5 1/2 T/A, 170 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp & Flush Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI 2 1/2x1 1/2x14x18' RHAC & Rod Production String Shown Below. Seat pmp, Hole Standing Full, Stroke pmp & Tbg To 800 Psi W/-Rig, Good Test. R/U Unit, Hang Rods On Unit. R/D Rig. 5:00PM C/SDFN. Leave Unit Down Due To Govener Fuel Problem, Mechanic Working On Problem. ( Note ) Unit Has 100" SL, ( Final Report ).

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Pertinent Files: Go to File List

(See other in-  
structions on  
reverse side)OMB NO. 1004-0137  
Expires: February 28, 1995UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

## 1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

## 1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

## 2. NAME OF OPERATOR

Newfield Exploration Company

## 3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

## 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 708' FSL &amp; 850' FEL (SE/SE) Sec. 25, T9S, R15E

At top prod. Interval reported below

At total depth

## 14. API NO.

43-013-32951

## DATE ISSUED

11/2/07

## 12. COUNTY OR PARISH

Duchesne

## 13. STATE

UT

## 15. DATE SPUDDED

04/13/08

## 16. DATE T.D. REACHED

04/20/08

## 17. DATE COMPL. (Ready to prod.)

05/19/08

## 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6405' GL

## 19. ELEV. CASINGHEAD

6417' KB

## 20. TOTAL DEPTH, MD &amp; TVD

5850'

## 21. PLUG BACK T.D., MD &amp; TVD

5787'

## 22. IF MULTIPLE COMPL.,

HOW MANY\*

## 23. INTERVALS

DRILLED BY

-----&gt;

## ROTARY TOOLS

X

## CABLE TOOLS

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 3973'-5422'

25. WAS DIRECTIONAL  
SURVEY MADE

No

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

## 27. WAS WELL CORED

No

## 23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5818'	7-7/8"	300 sx Premilite II and 425 sx 50/50 Poz	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5477'	TA @ 5346'

## 30. TUBING RECORD

## 31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5416'-22', 5382'-88'	.49"	4/48	5382'-5422'	Frac w/ 24,901# 20/40 san din 354 bbls fluid
(CP1) 5321'-5330'	.49"	4/36	5321'-5330'	Frac w/ 40,028# 20/40 sand in 406 bbls fluid
(LODC) 5063'-5068'	.49"	4/20	5063'-5068'	Frac w/ 14,780# 20/40 sand in 278 bbls fluid
(LODC) 4934'-4948'	.49"	4/56	4934'-4948'	Frac w/ 49,944# 20/40 sand in 448 bbls fluid
(B1 & B.5) 4688'-94', 4656'-62'	.49"	4/48	4656'-4694'	Frac w/ 15,183# 20/40 sand in 259 bbls fluid
(PB7) 4071'-78'	.49"	4/28	4071'-4078'	Frac w/ 14,962# 20/40 sand in 248 bbls fluid
(GB6) 3973'-3978'	.49"	4/20	3973'-3978'	Perfs would not break

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

## 33.\* PRODUCTION

DATE FIRST PRODUCTION 05-23-08		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' x 18' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 05-30-08	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 53	GAS--MCF. 54	WATER--BBL. 58		GAS-OIL RATIO 1019
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL. <b>RECEIVED</b>		OIL GRAVITY-API (CORR.)	

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold &amp; Used for Fuel

JUN 30 2008 TESTED BY

## 35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS &amp; MINING

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Tech

DATE

6/24/2008

JP

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			<p>Well Name Ashley Federal 16-25-9-15</p>	Garden Gulch Mkr	3458'	
				Garden Gulch 1	3664'	
				Garden Gulch 2	3772'	
				Point 3 Mkr	4001'	
				X Mkr	4268'	
				Y-Mkr	4299'	
				Douglas Creek Mkr	4410'	
				BiCarbonate Mkr	4630'	
				B Limestone Mkr	4741'	
				Castle Peak	5249'	
				Basal Carbonate	5759'	
				Total Depth (LOGGERS)	5827'	

# NEWFIELD



Well Name: Ashley Federal 16-25-9-15

Spud Date: 4-13-08

LOCATION: S25, T9S, R15E

TD: 5850'

COUNTY/STATE: Duchesne

CSG: 4-21-08

API: 43-013-32951

POP: 5-19-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
5/19/2008				2167				POP @ 5:00 P.M. w/ 100 SL. 2167 Total water to recover
5/20/2008	16	0	82	2085	0	0	4 1/2	
5/21/2008	24	0	94	1991	0	0	5 1/4	
5/22/2008	24	0	123	1868	0	0	5 1/4	
5/23/2008	24	8	118	1750	36	40	5 1/4	
5/24/2008	24	33	79	1671	30	40	5 1/4	
5/25/2008	24	38	65	1606	76	40	5 1/4	
5/26/2008	24	43	68	1538	91	40	5 1/2	
5/27/2008	24	41	56	1482	88	40	5 1/4	
5/28/2008	24	49	58	1424	109	40	5 1/4	
5/29/2008	24	43	62	1362	53	40	5 1/2	
5/30/2008	24	53	58	1304	54	40	5 1/4	
5/31/2008	24	42	88	1216	58	40	5 1/2	
6/1/2008	24	68	52	1164	53	40	5 1/2	
6/2/2008	24	10	56	1108	42	40	5 1/2	
6/3/2008	24	2	5	1103	38	50	5 1/4	
6/4/2008	24	0	12	1091	25	50	5 1/2	
6/5/2008	24	53	54	1037	88	50	5 1/4	
6/6/2008	24	43	37	1000	110	68	5 1/4	
6/7/2008	24	51	50	950	118	60	5 1/4	
6/8/2008	24	40	35	915	108	60	5 1/4	
6/9/2008	24	33	38	877	147	60	5 1/4	
6/10/2008				877				
6/11/2008				877				
6/12/2008				877				
6/13/2008				877				
6/14/2008				877				
6/15/2008				877				
6/16/2008				877				
6/17/2008				877				
6/18/2008				877				
6/19/2008				877				
		<b>650</b>	<b>1290</b>		<b>1324</b>			

39479



**United States Department of the Interior**  
**BUREAU OF LAND MANAGEMENT**  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3180  
UT-922

August, 1, 2008

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, CO 80202

Re: 4<sup>th</sup> Revision Green River Formation PA "A, B"  
Ashley Unit  
Duchesne County, Utah

Gentlemen:

The 4<sup>th</sup> Revision of the Green River Formation Participating Area "A,B", Ashley Unit, CRS UTU73520C, is hereby approved effective as of May 1, 2008, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 4<sup>th</sup> Revision of the Green River Formation Participating Area "A,B", results in the addition of 80.00 acres to the participating area for a total of 7,698.27 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

*to 12419*

WELL NO.	API NO.	LOCATION	LEASE NO.
16-25	43-013-32951	SE $\frac{1}{4}$ SE $\frac{1}{4}$ , 9S-15E <i>25</i>	UTU66185
1-27	43-013-33604	NE $\frac{1}{4}$ NE $\frac{1}{4}$ , 9S-15E <i>26</i>	UTU027345

*from 16804*

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 4<sup>th</sup> Revision of the Green River Formation Participating Area "A,B", Ashley Unit.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond  
Chief, Branch of Fluid Minerals

Enclosure

**RECEIVED**  
**AUG 07 2008**  
DIV. OF OIL, GAS & MINING

RECEIVED

AUG 20 2008

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

DIV. OF OIL, GAS &amp; MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	13195	4301333964	SOUTH MON BUTTE FEDERAL G-1-9-16	SESW	1	9S	16E	DUCHESNE	8/16/2008	8/25/08
WELL 1 COMMENTS: GRUV BHL = SENW											
A	99999	17039	4304739422	FEDERAL 16-19-9-18	SESE	19	9S	18E	UINTAH	8/7/2008	8/25/08
GRUV											
B	99999	12418	4301333983	WEST POINT FEDERAL Q-7-9-16	SWSW	7	9S	16E	DUCHESNE	8/20/2008	8/25/08
GRUV BHL = NESW											
C	16804	12419	4301332951	ASHLEY 16-25-9-15	SESE	25	9S	15E	DUCHESNE	4/12/2008	8/25/08
GRUV per BLM eff 5/1/08											
C	16806	12419	4301333604	ASHLEY 1-27-9-15	NW1/4 NENE	26 25	9S	15E	DUCHESNE	4/15/2008	8/25/08
WELL 5 COMMENTS: GRUV BHL Sec 27 NENE per BLM eff 5/1/08											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - for (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Production Clerk

08/20/08

Date

Jenizi Park

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 16-25-9-15			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0708 FSL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 25 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013329510000			
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE		<b>COUNTY:</b> DUCHESNE			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/31/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Newfield proposes to OAP and fracture stimulate the following with in the current production formation (Green River): C Sand 4582-4597.					
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> February 04, 2014 <b>By:</b> <u>Derek Quist</u>					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech			
<b>DATE</b> 2/3/2014					



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 16-25-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0708 FSL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 25 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013329510000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/16/2014	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 10/14/2014. On 10/15/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/16/2014 the casing was pressured up to 1101 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician
<b>DATE</b> 10/21/2014		<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>October 27, 2014</u> <b>By:</b>

# Mechanical Integrity Test Casing or Annulus Pressure Test

**Newfield Production Company**

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 10/16/14 Time 11:00 am pmTest Conducted by: Dustin Allred

Others Present: \_\_\_\_\_

ASHLEY

Well: 16-25-9-15Field: Monument ButteWell Location: SE/SE SEC. 25, T9S, API No: 43-013-32951  
R15E

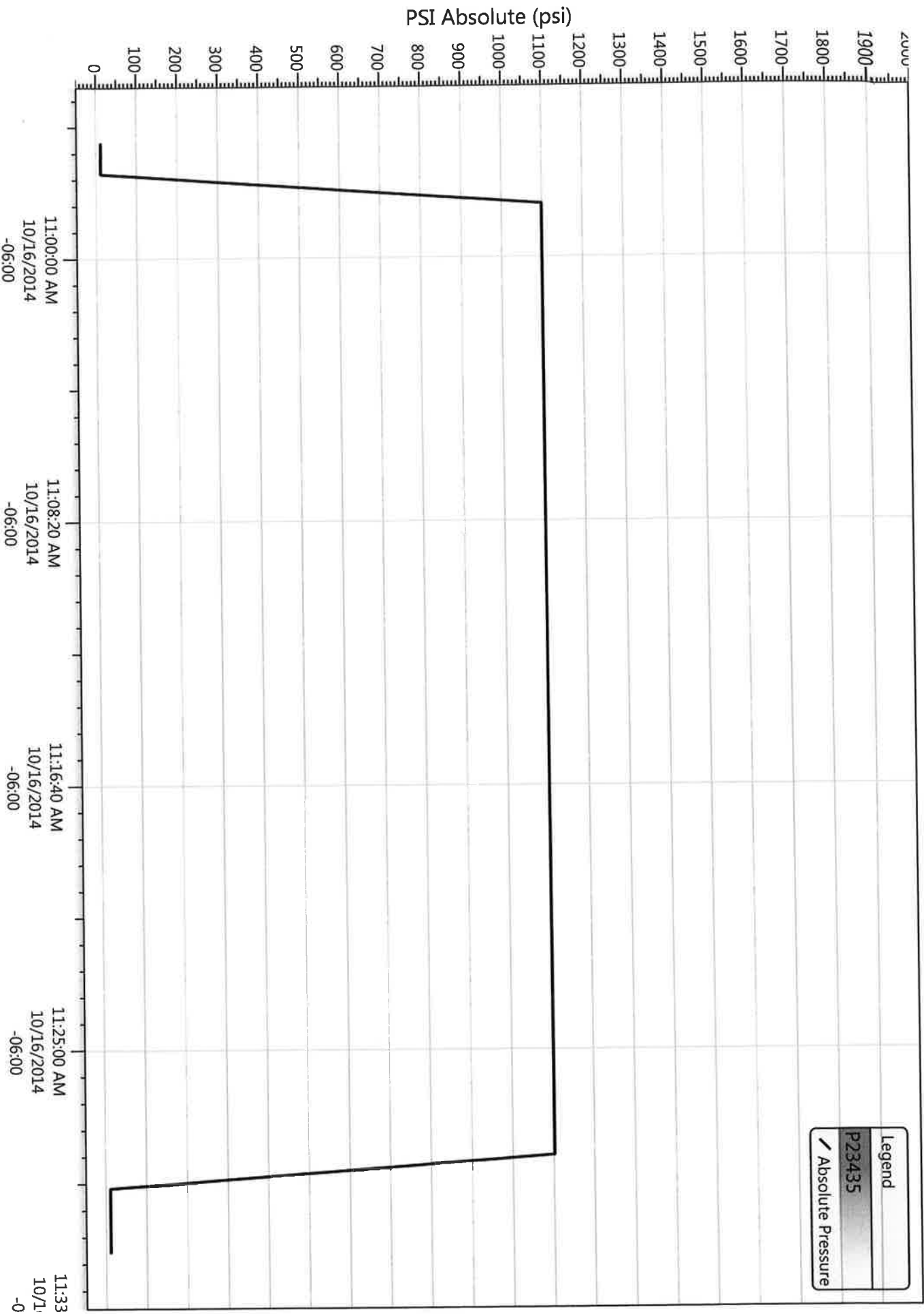
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1099</u>	psig
5	<u>1100</u>	psig
10	<u>1100</u>	psig
15	<u>1100</u>	psig
20	<u>1101</u>	psig
25	<u>1101</u>	psig
30 min	<u>1101</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psigResult: **Pass** **Fail**

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Dustin Allred

16-25-9-15 State MIT  
10/16/2014 10:55:56 AM





Well Name: Ashley 16-25-9-15

## Job Detail Summary Report

Sundry Number: 56914 API Well Number: 43013329510000

Jobs		Job Start Date	Job End Date
Primary Job Type		10/10/2014	10/16/2014
Conversion			
<b>Daily Operations</b>			
Report Start Date	Report End Date	24hr Activity Summary	
10/10/2014	10/10/2014	MIRU	
Start Time	10:00	End Time	13:00
Comment: LOAM FROM 6-25-9-15 TO 16-25-9-15 MIRU RD PUMPING UNIT, PUMP 60 BBLs DOWN CSG, UNSEAT PUMP W/7000 OVER STRING WT, PUMP 30 BBLs DOWN TBG, RESEAT PUMP SOFT SEAT & TEST TO 3000 PSI W/13 BBLs,			
Start Time	13:00	End Time	15:30
Comment: TOOHLD RODS AS FOLLOWS 1 1/2 X 26 POLISH ROD, 1-2,1-6,1-8 X 3/4 PONY RODS, 89 3/4 4-PER, 78 3/4 SLICK RODS, 43 3/4 4-PER, 6 1 1/2 WT BARS W/ STABILIZERS & PUMP FLUSH W/ 20 BBLs HALF WAY OUT OF HOLE			
Start Time	15:30	End Time	17:30
Comment: X-OVER TO TBG EQUIP, ND WELL HEAD, RELEASE TAC, NU BOPS, RU FLOOR & TBG WORKS, TOOHL BREAKING & REDOPING EVERY COLLAR ON TOTAL OF 40 JTS SWIFN			
Start Time	17:30	End Time	18:30
Comment: CREW TRAVEL			
<b>24hr Activity Summary</b>			
Report Start Date	Report End Date	24hr Activity Summary	
10/13/2014	10/13/2014	CONT BREAK & REDOPE	
Start Time	06:00	End Time	07:00
Comment: CREW TRAVEL & SAFETY MTG			
Start Time	07:00	End Time	12:00
Comment: FLUSH TBG W/30 BBLs, CONT TOOHL BREAKING & REDOPING EVERY COLLAR ON A TOTAL OF 125 JTS LD 49 JTS & BHA			
Start Time	12:00	End Time	15:00
Comment: PU & TIH W/TBG & PKR AS FOLLOWS WIRELINE RE-ENTRY TOOL, XN NIPPLE, PUP JT, X-OVER, AS-1 PKR, ON OFF TOOL, PSN, 125 JTS, PUMP 10 BBL PAD DROP SV PRESS UP TBG TO 3000 PSI W/23 BBLs GET GOOD TEST			
Start Time	15:00	End Time	17:00
Comment: FISH SV, ND BOPS, LAND TBG W/ B-1 ADAPTOR FLANGE, PUMP 50 BBLs FRESH WATER & PKR FLUID, SET PKR W/ 15000 TENSION LAND TBG W/INJ TREE, NU WELL HEAD W/ PSN @3935.18, PKR CE @3941.38, EOT @3950.93 PRESS UP CSG TO 1400 PSI W/2 BBLs CHK PRESS IN AM SWIFN			
Start Time	17:00	End Time	18:00
Comment: CREW TRAVEL			
<b>24hr Activity Summary</b>			
Report Start Date	Report End Date	24hr Activity Summary	
10/14/2014	10/14/2014	MIT	
Start Time	06:00	End Time	07:00
Comment: CREW TRAVEL & SAFETY MTG			
Start Time	07:00	End Time	10:00
Comment: CHK PRESS ON WELL 1125 WAIT ON MIT CLEAN RIG & EQUIP GET MIT RDMO			
<b>24hr Activity Summary</b>			
Report Start Date	Report End Date	24hr Activity Summary	
10/16/2014	10/16/2014	Conduct MIT	
Start Time	11:00	End Time	11:30
Comment: On 10/15/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/16/2014 the casing was pressured up to 1101 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.			

## NEWFIELD

## Schematic

Well Name: Ashley 16-25-9-15

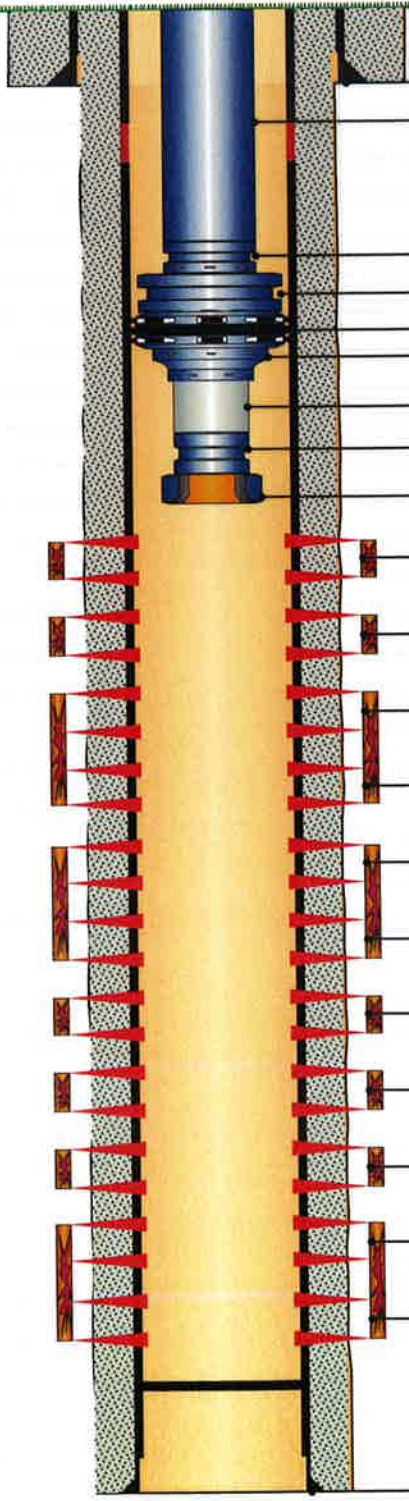
Surface Legal Location 25-9S-15E			API/UWI 43013329510000	Well RC 500159064	Lease	State/Province Utah	Field Name GMBU CTB3	County N/A
Spud Date 4/13/2008	Rig Release Date 4/21/2008	On Production Date 5/19/2008	Original KB Elevation (ft) 6,417	Ground Elevation (ft) 6,405	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,796.7	

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/10/2014	Job End Date 10/16/2014
---------------------------------------	--------------------------------	-----------------------------	------------------------------	----------------------------

TD: 5,818.0

Vertical - Original Hole, 10/21/2014 8:21:41 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
			DLS (° ...		
12.1				 <p>1; Surface; 8 5/8 in; 8.097 in; 12-324 ftKB; 311.89 ft</p> <p>4-1; Tubing; 2 7/8; 2.441; 12-3,935; 3,923.18</p> <p>4-2; Pump Seating Nipple; 2 7/8; 2.270; 3,935-3,936; 1.10</p> <p>4-3; On-Off Tool; 4.52; 1.875; 3,936-3,938; 1.45</p> <p>4-4; Packer; 4 5/8; 2.441; 3,938-3,945; 7.35</p> <p>4-5; Cross Over; 3.64; 1.991; 3,945-3,945; 0.40</p> <p>4-6; Tubing Pup Joint; 2 3/8; 1.991; 3,945-3,950; 4.15</p> <p>4-7; XN Nipple; 2 3/8; 1.875; 3,950-3,951; 0.91</p> <p>4-8; Wireline Guide; 3 1/8; 1.991; 3,951-3,951; 0.39</p> <p>Perforated; 3,973-3,978; 5/14/2008</p> <p>Perforated; 4,071-4,078; 5/14/2008</p> <p>Perforated; 4,583-4,587; 4/8/2014</p> <p>Perforated; 4,591-4,595; 4/8/2014</p> <p>Perforated; 4,656-4,662; 5/14/2008</p> <p>Perforated; 4,688-4,694; 5/14/2008</p> <p>Perforated; 4,934-4,948; 5/14/2008</p> <p>Perforated; 5,063-5,068; 5/14/2008</p> <p>Perforated; 5,321-5,330; 5/14/2008</p> <p>Perforated; 5,382-5,388; 5/7/2008</p> <p>Perforated; 5,416-5,422; 5/7/2008</p> <p>2; Production; 5 1/2 in; 4.950 in; 12-5,818 ftKB; 5,805.96 ft</p>	
322.8					
323.8					
1,992.1					
1,997.7					
3,000.0					
3,935.0					
3,936.4					
3,937.7					
3,945.2					
3,945.5					
3,949.5					
3,950.5					
3,950.8					
3,973.1					
3,978.0					
4,070.9					
4,078.1					
4,583.0					
4,586.9					
4,590.9					
4,595.1					
4,655.8					
4,662.1					
4,688.0					
4,693.9					
4,934.1					
4,948.2					
5,063.0					
5,067.9					
5,320.9					
5,330.1					
5,381.9					
5,388.1					
5,416.0					
5,421.9					
5,796.6					
5,797.2					
5,817.3					
5,817.9					



**NEWFIELD****Newfield Wellbore Diagram Data  
Ashley 16-25-9-15**

Surface Legal Location 25-9S-15E		API/UWI 43013329510000		Lease	
County N/A	State/Province Utah	Basin Uintah Basin		Field Name GMBU CTB3	
Well Start Date 4/12/2008		Spud Date 4/13/2008		Final Rig Release Date 4/21/2008	
Original KB Elevation (ft) 6,417		Ground Elevation (ft) 6,405		Total Depth (ftKB) 5,818.0	
		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,796.7	

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/13/2008	8 5/8	8.097	24.00	J-55	324
Production	4/21/2008	5 1/2	4.950	15.50	J-55	5,818

Cement				
<b>String: Surface, 324ftKB 4/14/2008</b>				
Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 323.9	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0
<b>String: Production, 5,818ftKB 4/21/2008</b>				
Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF mixed @ 11.0 ppg W / 3.49 cf/sk yield	Fluid Type Lead	Amount (sacks) 300	Class PLII	Estimated Top (ftKB) 12.0
<b>String: Production, 5,818ftKB 4/21/2008</b>				
Cementing Company	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 5,818.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 50/50:2 W/ 2% Gel + 3% KCL,.5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD	Fluid Type Tail	Amount (sacks) 425	Class 50/50	Estimated Top (ftKB) 3,000.0

Tubing Strings								
Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					10/10/2014	3,950.9		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	125	2 7/8	2.441	6.50	J-55	3,923.18	12.0	3,935.2
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,935.2	3,936.3
On-Off Tool	1	4.515	1.875			1.45	3,936.3	3,937.7
Packer	1	4 5/8	2.441			7.35	3,937.7	3,945.1
Cross Over	1	3.635	1.991			0.40	3,945.1	3,945.5
Tubing Pup Joint	1	2 3/8	1.991			4.15	3,945.5	3,949.6
XN Nipple	1	2 3/8	1.875			0.91	3,949.6	3,950.5
Wireline Guide	1	3 1/8	1.991			0.39	3,950.5	3,950.9

Rod Strings							
Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
7	GB6, Original Hole	3,973	3,978	4		0.490	5/14/2008
6	PB7, Original Hole	4,071	4,078	4		0.490	5/14/2008
8	C Sand, Original Hole	4,583	4,587	3	120	0.340	4/8/2014
8	C Sand, Original Hole	4,591	4,595	3	120	0.340	4/8/2014
5	B .5, Original Hole	4,656	4,662	4		0.490	5/14/2008
5	B1, Original Hole	4,688	4,694	4		0.490	5/14/2008
4	LODC, Original Hole	4,934	4,948	4		0.490	5/14/2008
3	LODC, Original Hole	5,063	5,068	4		0.490	5/14/2008
2	CP1, Original Hole	5,321	5,330	4		0.490	5/14/2008
1	CP2, Original Hole	5,382	5,388	4		0.490	5/7/2008
1	CP2, Original Hole	5,416	5,422	4		0.490	5/7/2008

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,146	0.83	23.8	2,670			
2	2,549	0.91	23.5	2,640			
3	2,407	0.91	23.6	2,780			

**NEWFIELD**

**Newfield Wellbore Diagram Data**  
**Ashley 16-25-9-15**



Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
4	2,096	0.86	23.4	2,260			
5	1,772	0.81	23.7	2,030			
6	1,694	0.85	23.6	2,530			
7							
8	1,877	0.86	20.6	3,923	307	340	300

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 24901 lb
2		Proppant Sand 40028 lb
3		Proppant Sand 14780 lb
4		Proppant Sand 49944 lb
5		Proppant Sand 15183 lb
6		Proppant Sand 14962 lb
7		Proppant Sand 14962 lb
8	30,000	Main 30000 lbs

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 16-25-9-15
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013329510000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0708 FSL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 25 Township: 09.0S Range: 15.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 3:00 PM on  
12/04/2014.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 11, 2014

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/10/2014





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-418

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 16-25-9-15  
**Location:** Section 25, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32951  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 1, 2014.
2. Maximum Allowable Injection Pressure: 1,668 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,771' – 5,787')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
SITLA  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 1, 2014

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

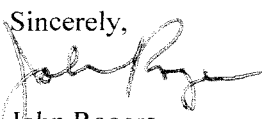
Subject: Greater Monument Butte Unit Well: Ashley Federal 16-25-9-15, Section 25, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32951

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

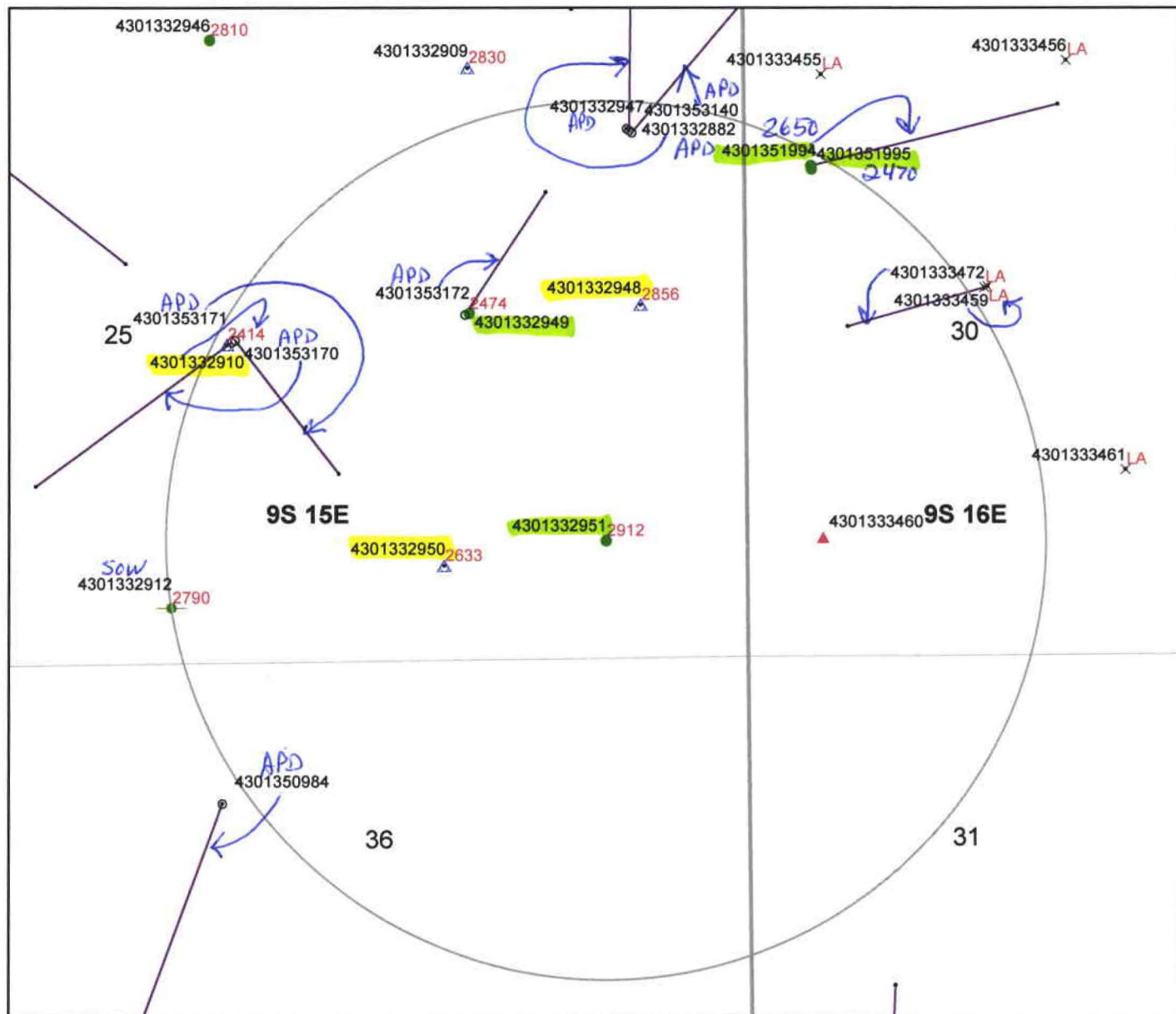
1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,771 feet in the Ashley Federal 16-25-9-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,  
  
John Rogers  
Associate Director

JR/MLR/js  
cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
SITLA  
Duchesne County  
Newfield Production Company, Myton  
Well File  
N:\O&G Reviewed Docs\ChronFile\UIC





### Legend

#### Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊙ GIW-Gas Injection Well
- <sub>GS</sub> GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well *in AOR*
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- ▲ WW-Water Injection Well *in AOR*
- WSW-Water Supply Well

### Cement Bond Tops Ashley Federal 16-25-9-15 API #43-013-32951 UIC-418.2

*(updated 11/26/2014)*

0 0.05 0.1 0.2 0.3 0.4 Miles



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbtopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 16-25-9-15

**Location:** 25/9S/15E      **API:** 43-013-32951

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,818 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,912 feet or higher. A 2 7/8 inch tubing with a packer is proposed at 3,923 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (11/26/2014), based on surface locations, there are 4 producing wells, 3 injection wells, and 1 shut-in well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 3 approved surface locations inside the AOR for directional wells with bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,771 feet and 5,787 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-25-9-15 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,668 psig. The requested maximum pressure is 1,668 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 16-25-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 3/5/2014 (revised 11/26/2014)



4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED. TAX I.D.# 87-0217663  
801-204-6910

The Salt Lake Tribune

WWW.SLTTRIB.COM

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OF UTAH

NEWSPAPER AGENCY COMPANY, LLC  
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Deseret News

WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Noltan 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		900	
ACCOUNT NAME		THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
DIV OF OIL-GAS & MINING,		Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:	
TELEPHONE	ADORDER# / INVOICE	Greater Monument Butte Units: Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East API 43-013-32912 Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East API 43-013-32951 Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East API 43-013-32907 Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East API 43-013-32913 Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33033 South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East API 43-013-32044 Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East API 43-013-32659 Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East API 43-013-32655 Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East API 43-013-32649 State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-31022 Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East API 43-013-33032 Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33108 Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-31647 Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East API 43-013-30662	
SCHEDULE		The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.	
Start 02/22/2014	End 02/22/2014	Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.	
CUST. REF. NO.		Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.	
CAPTION		Dated this 18th day of February, 2014.	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU		STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager	
SIZE		941195	
96 Lines	2.00 COLUMN	UPAXLP	
TIMES		TOTAL COST	
3		327.56	
MISC. CHARGES		AD CHARGES	

AFFIDAVIT OF PUBLICATION

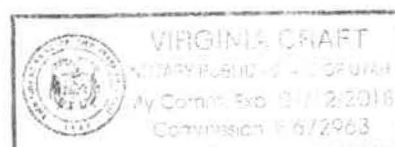
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED IN THE SALT LAKE TRIBUNE AND DESERET NEWS, NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION. UTAHLEGALS.COM INDEFINATELY COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

Start 02/22/2014 End 02/22/2014  
PUBLISHED ON

SIGNATURE

DATE 2/25/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT



Virginia Craft  
NOTARY SIGNATURE

2250/REB/GG/DICADOWN/GF12/6131

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

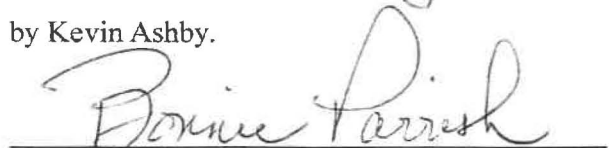
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 25 day of February, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

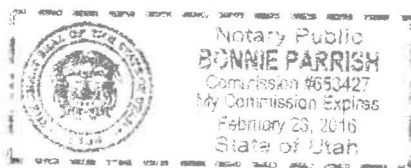
  
Publisher

Subscribed and sworn to before me on this

26 day of February, 20 14

by Kevin Ashby.

  
Notary Public



## BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPART- MENT OF NATURAL RESOURCES, STATE OF UTAH, NOTICE OF AGENCY ACTION, CAUSE NO. UIC-418

IN THE MATTER  
OF THE APPLICA-  
TION OF NEW-  
FIELD PRODUC-  
TION COMPANY  
FOR ADMINISTRA-  
TIVE APPROVAL  
OF CERTAIN  
WELLS LOCATED  
IN SECTIONS 25  
and 26, TOWNSHIP  
9 SOUTH, RANGE  
15 EAST, and  
SECTIONS 9, 13,  
16, 17, 20, 22, and  
23, TOWNSHIP 9  
SOUTH, RANGE 16  
EAST, DUCHESNE  
COUNTY, UTAH,  
AS CLASS II INJE-  
CTION WELLS.

THE STATE OF  
UTAH TO ALL PER-  
SONS INTERESTED  
IN THE ABOVE  
ENTITLED MAT-  
TER.

Notice is hereby  
given that the Divi-  
sion of Oil, Gas and  
Mining (the "Divi-  
sion") is commencing  
an informal adjudi-  
cative proceeding  
to consider the ap-  
plication of Newfield  
Production Company,  
1001 17th Street,  
Suite 2000, Denver,  
Colorado 80202, tele-

25-9-15 well located  
in SE/4 SE/4, Section  
25, Township 9  
South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-  
26-9-15 well located  
in SE/4 SW/4, Sec-  
tion 26, Township 9  
South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-  
26-9-15 well located  
in SE/4 SE/4, Section  
26, Township 9  
South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16  
well located in SE/4  
SW/4, Section 9,  
Township 9 South,  
Range 16 East  
API 43-013-33053  
South Wells Draw  
16-9-9-16 well  
located in SE/4 SE/4,  
Section 9, Township  
9 South, Range 16  
East  
API 43-013-32044  
Federal 2-13-9-16  
well located in NW/4  
NE/4, Section 13,  
Township 9 South,  
Range 16 East  
API 43-013-32659  
Federal 8-13-9-16  
well located in SE/4  
NE/4, Section 13,  
Township 9 South,  
Range 16 East  
API 43-013-32655  
Federal 14-13-9-16  
well located in SE/4  
SW/4, Section 13,  
Township 9 South,  
Range 16 East  
API 43-013-32649  
State 16-1-O well  
located in SW/4  
SE/4, Section 16,  
Township 9 South,  
Range 16 East  
API 43-013-31022  
Federal 9-17-9-16  
well located in NE/4  
SE/4, Section 17,  
Township 9 South,  
Range 16 East  
API 43-013-33032  
Federal 10-20-9-16  
well located in NW/4  
SE/4, Section 20,  
Township 9 South,  
Range 16 East  
API 43-013-33108  
Monument Federal  
11-22-9-16Y well lo-  
cated in NW/4 NW/4,  
Section 22, Township

Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake

City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.

STATE OF UTAH  
DIVISION OF  
OIL, GAS & MIN-  
ING

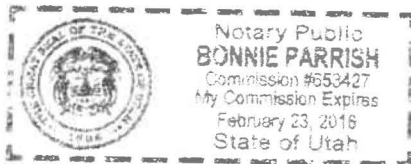
/s/  
Brad Hill  
Permitting Man-  
ager

Published in the  
Utah Basin Stan-  
dard February 25, 2014.

26 day of February, 20 14

by Kevin Ashby.

Bonnie Parrish  
Notary Public



IN SECTIONS 25  
and 26, TOWNSHIP  
9 SOUTH, RANGE  
15 EAST, and  
SECTIONS 9, 13,  
16, 17, 20, 22, and  
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1001 17th Street,  
Suite 2000, Denver,  
Colorado 80202, tele-  
phone 303-893-0102,  
for administrative  
approval of the fol-  
lowing wells located  
in Duchesne County,  
Utah, for conversion  
to Class II injection  
wells:

Greater Monument  
Butte Unit:

Ashley Federal 14-  
25-9-15 well located  
in SE/4 SW/4, Sec-  
tion 25, Township 9  
South, Range 15 East

API 43-013-32912  
Ashley Federal 16-

Range 16 East  
API 43-013-32655  
Federal 14-13-9-16  
well located in SE/4  
SW/4, Section 13,  
Township 9 South,  
Range 16 East  
API 43-013-32649  
State 16-1-O well  
located in SW/4  
SE/4, Section 16,  
Township 9 South,  
Range 16 East  
API 43-013-31022  
Federal 9-17-9-16  
well located in NE/4  
SE/4, Section 17,  
Township 9 South,  
Range 16 East  
API 43-013-33032  
Federal 10-20-9-16  
well located in NW/4  
SE/4, Section 20,  
Township 9 South,  
Range 16 East  
API 43-013-33108  
Monument Federal  
11-22-9-16Y well lo-  
cated in NW/4 NW/4,  
Section 22, Township  
9 South, Range 16  
East  
API 43-013-31647  
Federal 7-23 well  
located in SW/4  
NE/4, Section 23,  
Township 9 South,  
Range 16 East  
API 43-013-30662  
The proceeding  
will be conducted in  
accordance with Utah  
Admin. R649-10,  
Administrative Proce-  
dures.  
Selected zones  
in the Green River

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32912  
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33053  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-32044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32659  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32655  
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32649  
State 16-1-O well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-31647  
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-30662

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill  
Permitting Manager



**Newfield Production Company**

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,  
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,  
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,  
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,  
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,  
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

**Cause No. UIC-418**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

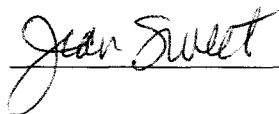
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

February 20, 2014

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

2/24/2014

State of Utah Mail - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

Jean Sweet <jsweet@utah.gov>

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**Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418**

---

**UB Standard Legals** <ubslegals@ubmedia.biz>

Thu, Feb 20, 2014 at 3:52 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/20/2014 9:52 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—  
Jean Sweet  
Executive Secretary  
Utah Division of Oil, Gas and Mining  
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 20, 2014

Via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

## Order Confirmation for Ad #0000941195-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114

<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>Email</b>	juliecarter@utah.gov	Jean	kstowe

<b>Total Amount</b>	<b>\$327.56</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$327.56</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Newfield Cause UIC-4	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 96 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	2/22/2014	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	2/22/2014	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	2/22/2014	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9, 13, 16, 17, 20, 22, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-32655  
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API 43-013-32649  
State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
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API 43-013-30662

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Dated this 18th day of February, 2014.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Brad Hill  
Permitting Manager

941195

UPAXP

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 7, 2014

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

**RECEIVED**

FEB 10 2014

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well  
Ashley Federal #16-25-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 25-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #16-25-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L. Loyle  
Regulatory Associate



**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #16-25-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66185**  
**FEBRUARY 7, 2014**

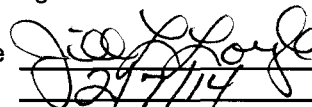
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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: <u>Ashley #16-25-9-15</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-66185</u>
Well Location: QQ <u>SESE</u> section <u>25</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]	
Will the proposed well be used for:	
Enhanced Recovery? ..... Yes [ X ] No [ ]	
Disposal? ..... Yes [ ] No [ X ]	
Storage? ..... Yes [ ] No [ X ]	
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]	
If this application is for an existing well,	
has a casing test been performed on the well? ..... Yes [ ] No [ X ]	
Date of test: _____	
API number: <u>43-013-32951</u>	
Proposed injection interval: from <u>3771</u> to <u>5787</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1668</u> psig	
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Jill L Loyle</u>	Signature <u></u>
Title: <u>Regulatory Associate</u>	Date <u>2/7/14</u>
Phone No. <u>(303)383-4135</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

# Ashley Federal 16-25-9-15

Spud Date: 04/13/08  
Put on Production: 5/19/08  
GL: 6405' KB: 6417'

Initial Production: BOPD,  
MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts 321.48  
DEPTH LANDED: 323.89'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

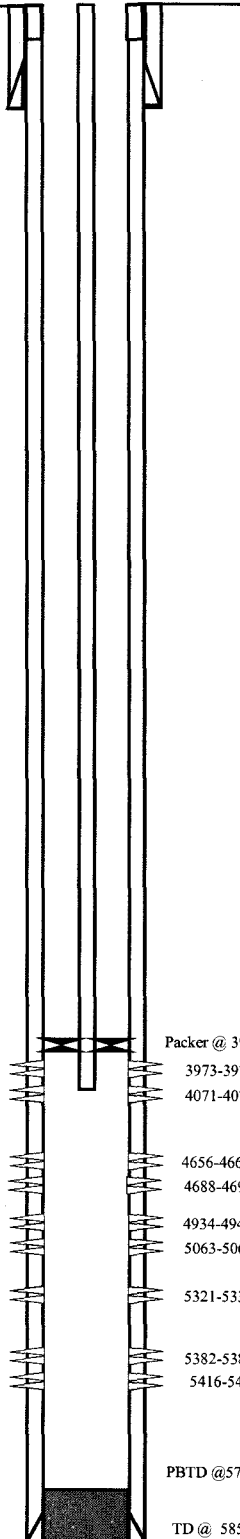
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts 5805.41  
DEPTH LANDED: 5817.96' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP: 90'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 170 jts (5330.8')  
TUBING ANCHOR: 5342.8' KB  
NO. OF JOINTS: 2 jts (63.0)  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5408.6' KB  
NO. OF JOINTS: 2 jts (63')  
TOTAL STRING LENGTH: EOT @ 5473' KB

TOC @ 90'



### FRAC JOB

05/18/08 5382-5388' **Frac CP2 sds as follows:**  
24,901# 20/40 sand in 354 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2468 psi @ ave rate of 23.1 BPM. ISIP 2146 psi. Actual Flush: 4872 gal.

05/18/08 5321-5330' **Frac CP1 sds as follows:**  
40,028# 20/40 sand in 406 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2246 psi @ ave rate of 23.1 BPM. ISIP 2549. Actual Flush: 4822 gal.

psi. 05/18/08 5063-5068' **Frac LODC sds as follows:**  
14,780# 20/40 sand in 278 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2440 psi @ ave rate of 23.3 BPM. ISIP 2407 psi. Actual Flush: 4557 gal.

05/18/08 4934-4948' **Frac LODC sds as follows:**  
49,944# 20/40 sand in 448 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1904 psi @ ave rate of 23.3 BPM. ISIP 2096 psi. Actual flush: 4423 gal.

05/18/08 4656-4662' **Frac B1 & B.5 sds as follows:**  
15,183# 20/40 sand in 259 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1879 psi @ ave rate of 23.2 BPM. ISIP 1772 psi. Actual Flush: 4061 gal.

05/18/08 4071-4078' **Frac PB7 sds as follows:**  
14,962# 20/40 sand in 248 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2165 psi @ ave rate of 23.2 BPM. ISIP 1694 psi. Actual flush: 3566 gal.

3/20/09 Pump change. Updated r & t details.

5/14/09 Pump Change. Updated rod and tubing detail

03/01/11 Tubing Leak Rod & tubing details updated.

10/27/11 **Tubing Leak.** Updated rod & tubing detail.

### PERFORATION RECORD

Date	Interval	Tool	Holes
05/14/08	5416-5422'	4 JSPF	24 holes
05/14/08	5382-5388'	4 JSPF	24 holes
05/14/08	5321-5330'	4 JSPF	36 holes
05/14/08	5063-5068'	4 JSPF	20 holes
05/14/08	4934-4948'	4 JSPF	24 holes
05/14/08	4688-4694'	4 JSPF	24 holes
05/14/08	4656-4662'	4 JSPF	24 holes
05/14/08	4071-4078'	4 JSPF	28 holes
05/14/08	3973-3978'	4 JSPF	20 holes

**NEWFIELD**

**Ashley Federal 16-25-9-15**

708' FSL & 850' FEL

SE/SE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32951 ; Lease #UTU-66185

Packer @ 3923'

3973-3978'

4071-4078'

4656-4662'

4688-4694'

4934-4948'

5063-5068'

5321-5330'

5382-5388'

5416-5422'

PBTD @ 5787'

TD @ 5850'

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #16-25-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #16-25-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3771' - 5787'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3456' and the TD is at 5850'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #16-25-9-15 is on file with the Utah Division of Oil, Gas and Mining.



- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5818' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**2.8 The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1668 psig.

**2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #16-25-9-15, for existing perforations (4071' - 5388') calculates at 0.85 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1668 psig. We may add additional perforations between 3456' and 5850'. See Attachments G and G-1.

**2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #16-25-9-15, the proposed injection zone (3771' - 5787') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-4.

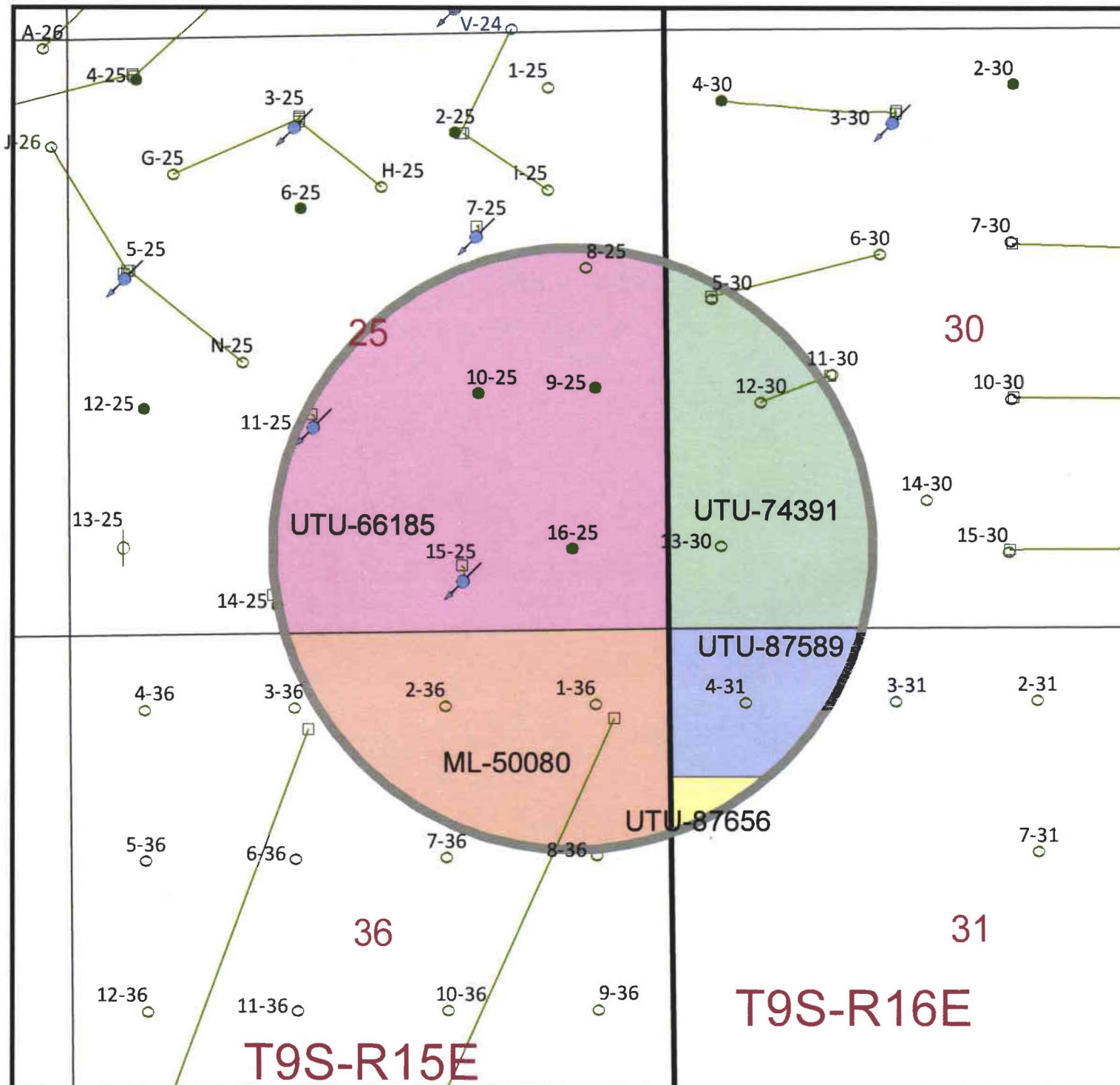
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

**2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



## Lease Number

- ML-50080
- UTU-66185
- UTU-74391
- UTU-87589
- UTU-87656

Half-Mile Buffer

## Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

Ashley 16-25-9-15  
Section 25, T9S-R15E



1/2 Mile Radius Map

Duchesne County

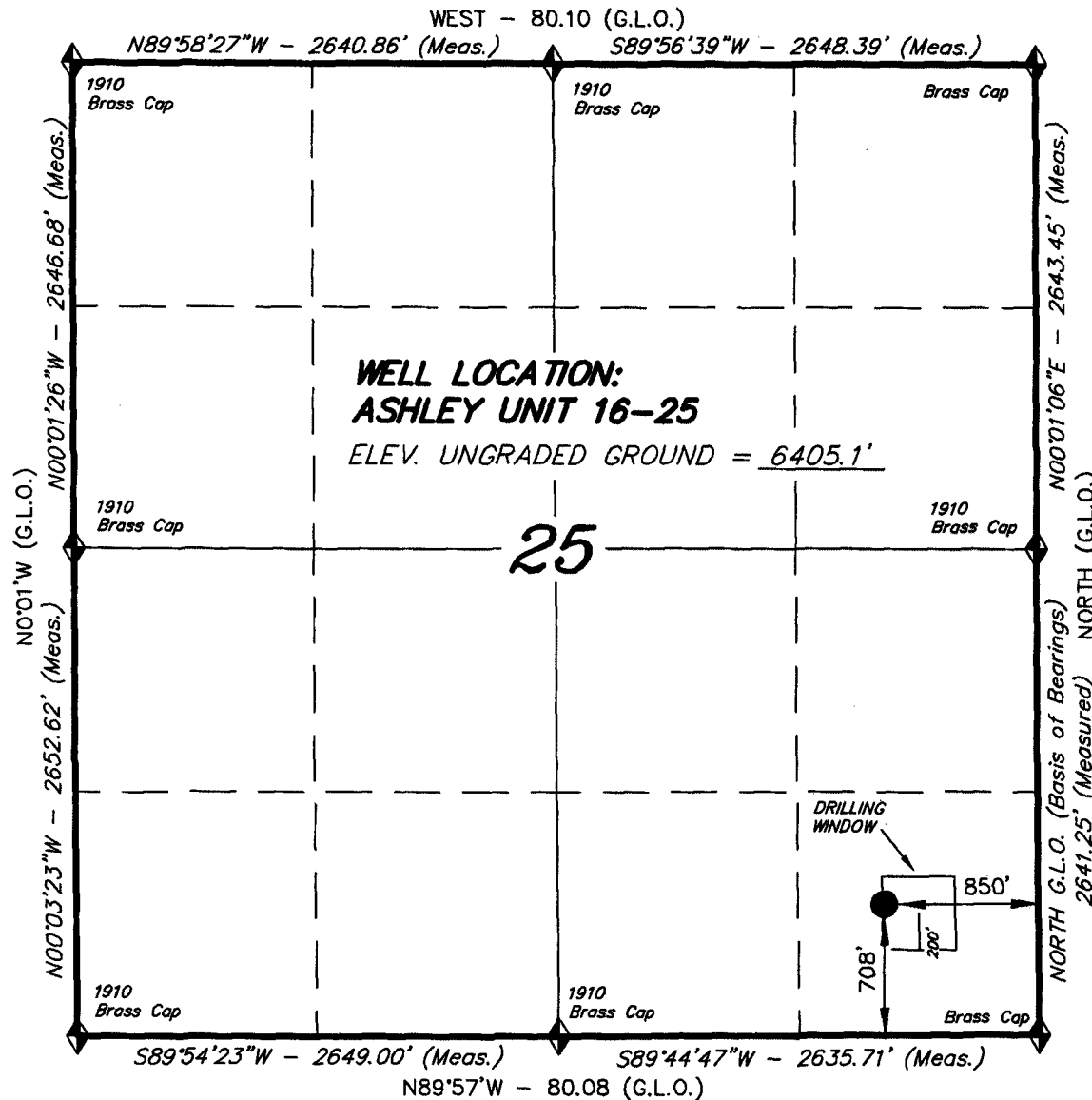
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 899-0102

Jan. 3, 2014

***T9S, R15E, S.L.B.&M.***

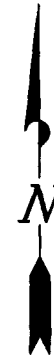
**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, ASHLEY UNIT 16-25,  
LOCATED AS SHOWN IN THE SE 1/4 SE  
1/4 OF SECTION 25, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (GILSONITE DRAW)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 40937  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 9-16-05

DRAWN BY: F.T.M.

NOTES:

FILE #

**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 36: All	State of Utah ML-50080 HBP	Newfield Production Company	State of Utah
2	T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 31: NE, NENW, Lot 1	USA UTU-87589 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
5	T9S-R16E SLM Section 31: SENW, E2SW, SE, Lots 2,3,4	USA UTU-87656 HBP	QEP Energy Company	USA

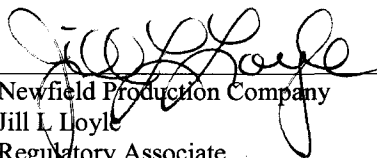


ATTACHMENT C

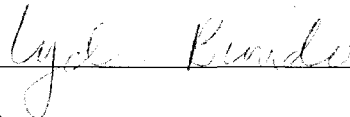
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #16-25-9-15

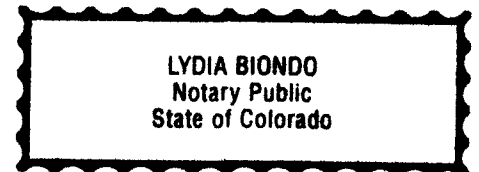
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Jill L. Loyle  
Regulatory Associate

Sworn to and subscribed before me this 7<sup>th</sup> day of February, 2014.

Notary Public in and for the State of Colorado: 

My Commission Expires: 12/31/15



## Ashley Federal 16-25-9-15

Spud Date: 04/13/08  
Put on Production: 5/19/08  
GL: 6405' KB: 6417'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts 321.48  
DEPTH LANDED: 323.89'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts 5805.41  
DEPTH LANDED: 5817.96' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 170 jts (5330.8')  
TUBING ANCHOR: 5342.8' KB  
NO. OF JOINTS: 2 jts (63.0)  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5408.6' KB  
NO. OF JOINTS: 2 jts (63')  
TOTAL STRING LENGTH: EOT @ 5473' KB

SUCKER RODS

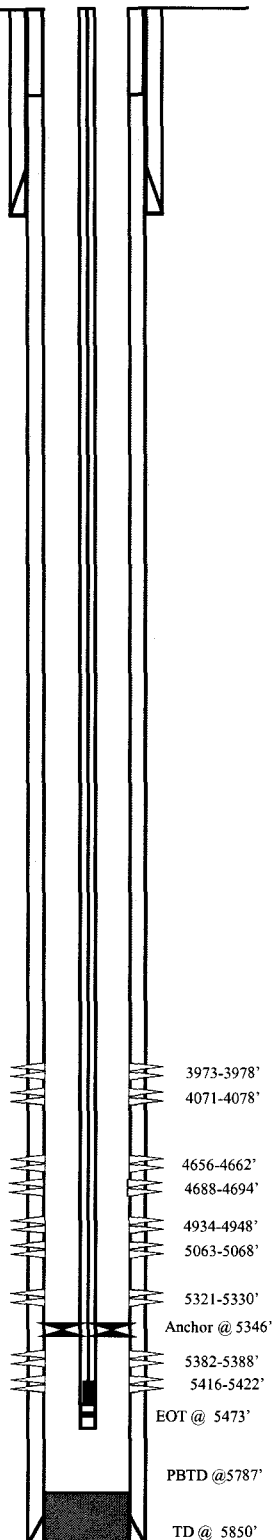
POLISHED ROD: 1-1/2" x 26'  
SUCKER RODS: 1- 3/4 x 4' ponys, 90-3/4 = 2250' 4 per guided rods, 89-3/4" = 2225' sucker rods, 30-3/4 = 750' guided rods, 1-1 1/2" = 25' sinker bars, 1-1" = 4' stabilizer bars, 1-1 1/2" = 25' sinker bar, 1-1" = 4' stabilizer rod, 1-1 1/2" = 25' sinker bar, 1-1" = 4' stabilizer rod, 1-1 1/2" = 4' sinker bar, 1-1" = 4' stabilizer rod, 1-1 1/2" = 25' sinker bar, 1-1" = 4' stabilizer rod, 1-1 1/2" = 25' sinker bar, 1-1" = 4' stabilizer rod  
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC  
STROKE LENGTH: 100"  
PUMP SPEED, SPM: 5

FRAC JOB

05/18/08 5382-5388' **Frac CP2 sds as follows:**  
24,901# 20/40 sand in 354 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2468 psi @ ave rate of 23.1 BPM. ISIP 2146 psi. Actual Flush: 4872 gal.  
05/18/08 5321-5330' **Frac CP1 sds as follows:**  
40,028# 20/40 sand in 406 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2246 psi @ ave rate of 23.1 BPM. ISIP 2549. Actual Flush: 4822 gal.  
psi. 05/18/08 5063-5068' **Frac LODC sds as follows:**  
14,780# 20/40 sand in 278 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2440 psi @ ave rate of 23.3 BPM. ISIP 2407 psi. Actual Flush: 4557 gal.  
05/18/08 4934-4948' **Frac LODC sds as follows:**  
49,944# 20/40 sand in 448 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1904 psi @ ave rate of 23.3 BPM. ISIP 2096 psi. Actual flush: 4423 gal.  
05/18/08 4656-4662' **Frac B1 & B.5 sds as follows:**  
15,183# 20/40 sand in 259 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1879 psi @ ave rate of 23.2 BPM. ISIP 1772 psi. Actual Flush: 4061 gal.  
05/18/08 4071-4078' **Frac PB7 sds as follows:**  
14,962# 20/40 sand in 248 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2165 psi @ ave rate of 23.2 BPM. ISIP 1694 psi. Actual flush: 3566 gal.  
3/20/09 Pump change. Updated r & t details.  
5/14/09 Pump Change. Updated rod and tubing detail  
03/01/11 Tubing Leak Rod & tubing details updated.  
10/27/11 **Tubing Leak.** Updated rod & tubing detail.

PERFORATION RECORD

05/14/08	5416-5422'	4 JSPF	24 holes
05/14/08	5382-5388'	4 JSPF	24 holes
05/14/08	5321-5330'	4 JSPF	36 holes
05/14/08	5063-5068'	4 JSPF	20 holes
05/14/08	4934-4948'	4 JSPF	24 holes
05/14/08	4688-4694'	4 JSPF	24 holes
05/14/08	4656-4662'	4 JSPF	24 holes
05/14/08	4071-4078'	4 JSPF	28 holes
05/14/08	3973-3978'	4 JSPF	20 holes



NEWFIELD

Ashley Federal 16-25-9-15

708' FSL &amp; 850' FEL

SE/SE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32951 ; Lease #UTU-66185

VC 11/28/11

NEWFIELD

## Schematic

Well Name: Ashley 9-25-9-15

43-013-32948

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
2121' FSL & 630' FEL NE/SE SECTION 25-T9S-R15E	43013329480000	500159069		Utah	GMBU CTB3	DUCHESNE
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
11/3/2006	11/30/2006	12/20/2006	6,321	6,309		Original Hole - 5,772.4

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	Basic	4/8/2014	

TD: 5,830.0

Vertical - Original Hole, 4/16/2014 8:04:09 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (°)	Vertical schematic (actual)
11.8					
12.1					
89.9					
319.9					
4,366.5					1. Surface; 8 5/8 in; 8,097 in; 12-320 ftKB; 308.03 ft
4,367.5					3-1; Tubing; 2 7/8; 2,441; 12-4,366; 4,354.31
4,369.1					3-2; Pump Seating Nipple; 2 7/8; 4,366-4,367; 1.10
4,376.3					3-3; On-Off Tool; 2 7/8; 4,367-4,369; 1.80
4,376.6					3-4; Packer; 5 1/2; 4,950; 4,369-4,376; 6.95
4,380.9					3-5; Cross Over; 2 3/8; 1,991; 4,376-4,377; 0.50
4,382.5					3-6; Tubing Pup Joint; 2 3/8; 4,377-4,381; 4.10
4,405.8					3-7; XN Nipple; 2 3/8; 4,381-4,382; 1.61
4,413.1					Perforated; 4,406-4,413; 12/13/2006
4,598.1					Perforated; 4,598-4,614; 12/13/2006
4,613.8					Perforated; 4,670-4,677; 12/13/2006
4,669.9					Perforated; 4,892-4,902; 12/11/2006
4,676.8					Perforated; 4,970-4,984; 12/11/2006
4,892.1					
4,901.9					
4,970.1					
4,983.9					
5,768.0					
5,772.3					
5,772.6					
5,773.0					
5,817.3					
5,817.9					
5,830.1					2. Production; 5 1/2 in; 4,950 in; 12-5,818 ftKB; 5,806.06 ft

## Ashley Federal 10-25-9-15

Spud Date: 12/01/2006  
Put on Production: 01/03/07  
GL: 6395' KB: 6407'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.04')  
DEPTH LANDED: 314.94' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts. (5880.12')  
DEPTH LANDED: 5893.37' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425sxs 50/50 POZ.  
CEMENT TOP: 200'

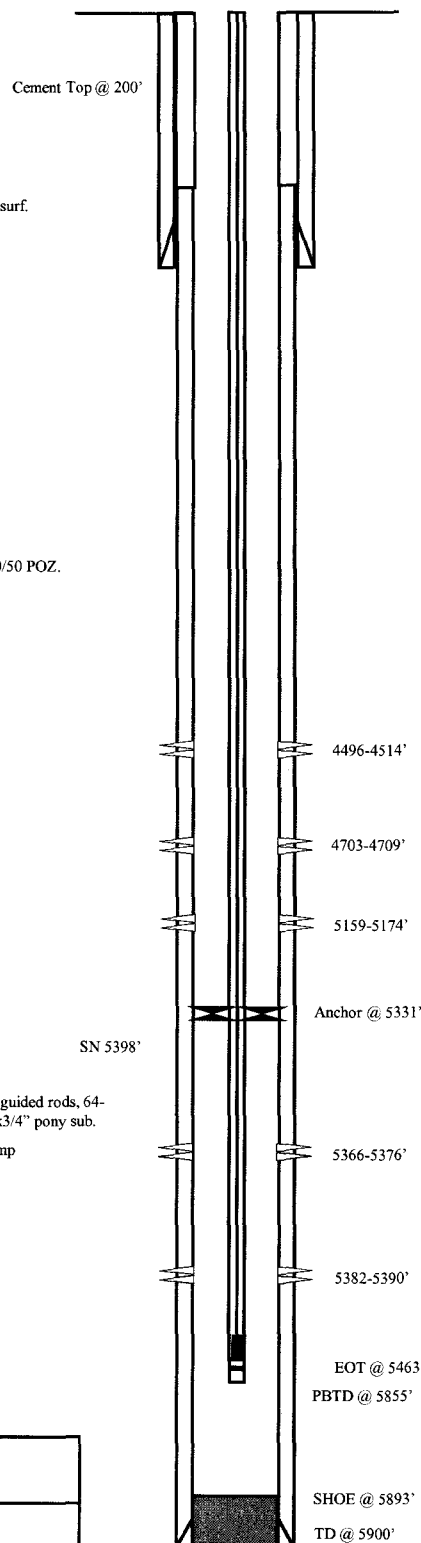
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 173 jts (5319.40')  
TUBING ANCHOR: 5331.40' KB  
NO. OF JOINTS: 2 jts (63.37')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5397.57' KB  
NO. OF JOINTS: 2 jts (63.41')  
TOTAL STRING LENGTH: EOT @ 5462.53' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 2-4' & 1-6', 1-8' x 3/4" pony subs, 99-3/4" guided rods, 64-3/4" slick rods, 44-3/4" guided rods, 6-1 1/2" weight bars, 1-2'x3/4" pony sub.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17" RTBC MacGyver pump  
STROKE LENGTH: 86"  
PUMP SPEED, 4 SPM:

## Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

12/26/06	5390-5366'	<b>Frac CP1 &amp; CP.5 sands as follows:</b> 35027# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2117 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5388 gal. Actual flush: 4860 gal.
12/26/06	5159-5174'	<b>Frac LODC sands as follows:</b> 100286# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 2242 psi w/avg rate of 24.8 BPM. ISIP 2500 psi. Calc flush: 5157 gal. Actual flush: 4620 gal.
12/26/06	4703-4709'	<b>Frac B1 sands as follows:</b> 24310# 20/40 sand in 332 bbls Lightning 17 frac fluid. Treated @ avg press of 2073 psi w/avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4701 gal. Actual flush: 4196 gal.
12/26/06	4496-4514'	<b>Frac D1 sands as follows:</b> 90822# 20/40 sand in 665 bbls Lightning 17 frac fluid. Treated @ avg press of 2864 psi w/avg rate of 25.1 BPM. ISIP 2040 psi. Calc flush: 4494 gal. Actual flush: 4410 gal.
7/29/08		Stuck pump. Updated rod & tubing details..
10/19/08		Tubing Leak. Updated rod & tubing details.

**PERFORATION RECORD**

12/20/06	5382-5390'	4 JSPF	32 holes
12/20/06	5366-5376'	4 JSPF	40 holes
12/26/06	5159-5174'	4 JSPF	60 holes
12/26/06	4703-4709'	4 JSPF	24 holes
12/26/06	4496-4514'	4 JSPF	72 holes

**NEWFIELD****Ashley Federal 10-25-9-15**

2082' FSL &amp; 1661' FEL

NW/SE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32949; Lease #UTU-66185

## Ashley Federal 11-25-9-15

Spud Date: 10/25/2006

Put on Production:

GL: 6269' KB: 6281'

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (311.00')

DEPTH LANDED: 322.85' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 129 jts. (5687.01')

DEPTH LANDED: 5700.26' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 475 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 140 jts (4395.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4407.8' KB

CE @ 4412.17'

TOTAL STRING LENGTH: EOT @ 4416' KB

Cement Top @ 202'

Packer @ 4412'

EOT @ 4416'

4491-4498'

4694-4701'

4910-4936'

5034-5044'

5152-5159'

5399-5407'

5428-5436'

PBTD @ 5652'

TD @ 5750'

FRAC JOB

11/27/06 5399-5436'

**Frac CP2 sands as follows:**

34,663# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5397 gal. Actual flush: 4872 gal.

11/27/06 5152-5159'

**Frac LODC sands as follows:**

24,486# 20/40 sand in 333 bbls Lightning 17 frac fluid. Treated @ avg press of 2635 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 5150 gal. Actual flush: 4662 gal.

11/27/06 5034-5044'

**Frac LODC sands as follows:**

24,788# 20/40 sand in 332 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 25 BPM. ISIP 2380 psi. Calc flush: 5032 gal. Actual flush: 4536 gal.

11/27/06 4910-4936'

**Frac LODC sands as follows:**

40,879# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2585 psi w/avg rate of 27 BPM. ISIP 2500 psi. Calc flush: 4908 gal. Actual flush: 4410 gal.

11/27/06 4694-4701'

**Frac A5 sands as follows:**

19,469# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 4692 gal. Actual flush: 4200 gal.

11/27/06 4491-4498'

**Frac B.5 sands as follows:**

20,982# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 2525 psi w/avg rate of 24.9 BPM. ISIP psi. Calc flush: 4489 gal. Actual flush: 33 bbl short gal.

12-5-07

**Parted rods.** Updated rod & tubing details.

08-17-10

**Convert to Injection well**

08-30-10

**MIT Completed** - tubing detail updatedPERFORATION RECORD

11/27/06	5428-5436'	4 JSPF	32 holes
11/27/06	5399-5407'	4 JSPF	32 holes
11/27/06	5152-5159'	4 JSPF	28 holes
11/27/06	5034-5044'	4 JSPF	40 holes
11/27/06	4910-4936'	4 JSPF	104 holes
11/27/06	4694-4701'	4 JSPF	28 holes
11/27/06	4491-4498'	4 JSPF	28 holes

**NEWFIELD****Ashley Federal 11-25-9-15**

1916' FSL &amp; 2154' FWL

NE/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32910; Lease #UTU-66185

## Ashley Federal 15-25-9-15

Spud Date: 11/03/2006  
Put on Production: 12/26/06  
GL: 6444' KB: 6456'

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (313.03')  
DEPTH LANDED: 323.93' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

Cement Top @ 340'

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5849.37')  
DEPTH LANDED: 5862.62' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

#### TUBING

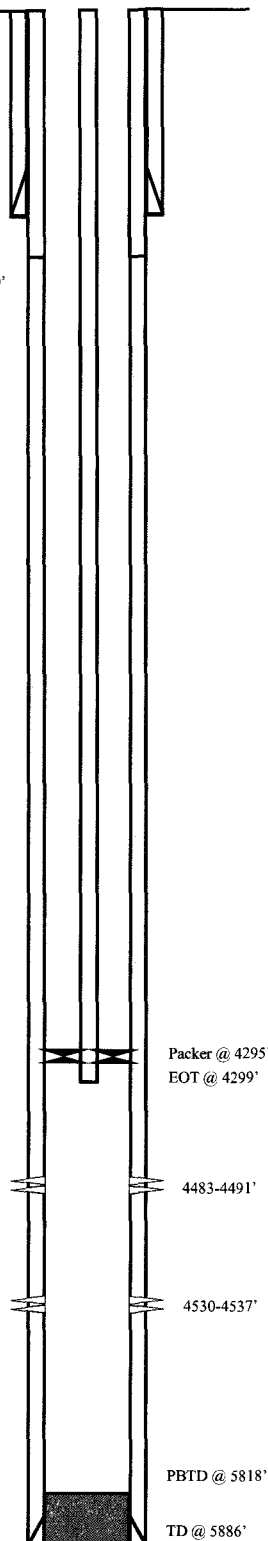
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 137 jts (4278.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4290.4' KB  
CE @ 4294.79'  
TOTAL STRING LENGTH: EOT @ 4299' KB

#### FRAC JOB

12/18/06	4530-4537'	<b>Frac D sands as follows:</b> 100560# 20/40 sand in 838 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 25 BPM. ISIP 1875 psi. Calc flush: 4528 gal. Actual flush: 3990 gal.
12/20/06	4330-4341'	<b>Frac Xstray sands as follows:</b> 12152# 20/40 sand in 238 bbls Lightning 17 frac fluid. Treated @ avg press of 1859 psi w/avg rate of 14.6 BPM. ISIP 2460 psi. Calc flush: 4328 gal. Actual flush: 4242 gal.
02/23/07		<b>Re-Completion.</b> Rod & Tbg detail updated.
1/22/09		<b>Pump Change.</b> Updated R & T details.
03/30/10		<b>Pump Maint.</b> Updated rod & tubing details.
08-20-10		<b>Convert to Injection well</b>
08-30-10		<b>MIT Completed</b> - tbg detail updated

#### PERFORATION RECORD

12/18/06	4530-4537'	4 JSPF	28 holes
12/18/06	4483-4491'	4 JSPF	32 holes



### Ashley Federal 15-25-9-15

570'FSL & 1822' FEL

SW/SE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32950; Lease #UTU-66185

## Ashley Federal 14-25-9-15

Spud Date: 10-26-06  
Put on Production: 2-14-07  
GL: 6345' KB: 6357'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (313.75')  
DEPTH LANDED: 323.75'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est circ 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 127 jts (5621.53')  
DEPTH LANDED: 5619.53'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Premilite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 96' per CBL 2/1/07

TUBING (KS 10/26/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 166 jts (5246.1')  
TUBING ANCHOR: 5258.1'  
NO. OF JOINTS: 2 jts (64.2')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5325'  
NO. OF JOINTS: 1 jts (31.6')  
GAS ANCHOR: 5357.8'  
SN LANDED AT: 5363'  
NO. OF JOINTS: 3 jts (94.7')  
TOTAL STRING LENGTH: EOT @ 5459'

SUCKER RODS (KS 10/26/10)

POLISHED ROD: 1-1/2" x 26' Polished Rod  
SUCKER RODS: 2' x 3/4" Pony Rod, 98 x 3/4" Guided Rods,  
68 x 3/4" Sucker Rods, 40 x 3/4" 4per Guided Rods, 6 x 1-1/2"  
Sinker Bars  
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4  
PUMPING UNIT: DARCO C-228-213-86

FRAC JOB

02-06-07 5547-5566' **Frac CP5 sands as follows:**  
90500# 20/40 sand in 679 bbls Lightning 17  
frac fluid. Treated @ avg press of 2431 psi  
w/avg rate of 24.8 BPM. ISIP 2858 psi. Calc  
flush: 5545 gal. Actual flush: 5040 gal.

02-07-07 5402-5412' **Frac CP3 sands as follows:**  
21447# 20/40 sand in 309 bbls Lightning 17  
frac fluid. Treated @ avg press of 2289 psi  
w/avg rate of 24 BPM. ISIP 2228 psi. Calc  
flush: 5400 gal. Actual flush: 4872 gal.

02-07-07 4966-4976' **Frac LODC5 sands as follows:**  
21654# 20/40 sand in 296 bbls Lightning 17  
frac fluid. Treated @ avg press of 2335 psi  
w/avg rate of 23.8 BPM. ISIP 2176 psi. Calc  
flush: 4964 gal. Actual flush: 4452 gal.

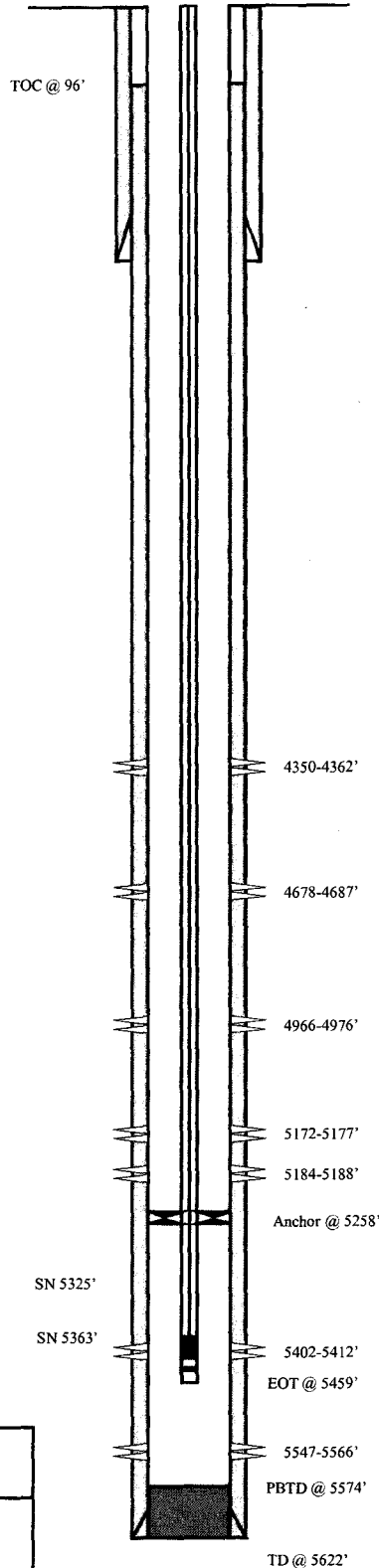
02-07-07 4678-4687' **Frac A .5 sands as follows:**  
42411# 20/40 sand in 412 bbls Lightning 17  
frac fluid. Treated @ avg press of 2200 w/  
avg rate of 23.8 BPM. ISIP 1711 psi. Calc  
flush: 4676 gal. Actual flush: 4410 gal.

02-07-07 4350-4362' **Frac D1 sands as follows:**  
53646# 20/40 sand in 510 bbls Lightning 17  
frac fluid. Treated @ avg press of 1587 w/  
avg rate of 25 BPM. ISIP 1711 psi. Calc  
flush: 4348 gal. Actual flush: 4242 gal.

11/25/08 **Tubing Leak.** Updated rod & tubing details.  
1/15/2010 **Tubing Leak.** Updated rod and tubing detail.  
03/12/2010 **Workover.** Updated rod and tubing detail.  
10/28/10 5172-5188' **Frac LODC sands as follows:**  
63746# 20/40 sand in 354 bbls Lightning 17  
fluid.  
11/01/10 **Recompletion**

PERFORATION RECORD

01-01-07	5547-5566'	4 JSPF	76 holes
01-06-07	5402-5412'	4 JSPF	40 holes
00-07-07	4966-4976'	4 JSPF	40 holes
02-07-07	4678-4687'	4 JSPF	36 holes
02-07-07	4350-4362'	4 JSPF	48 holes
10-28-10	5184-5188'	3 JSPF	12 holes
10-28-10	5172-5177'	3 JSPF	15 holes



NEWFIELD

Ashley Federal 14-25-9-15

336' FSL &amp; 1808' FWL

SE/SW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32912; Lease # UTU-66185



Well Name: GMBU 6-30-9-16

43-013-51994

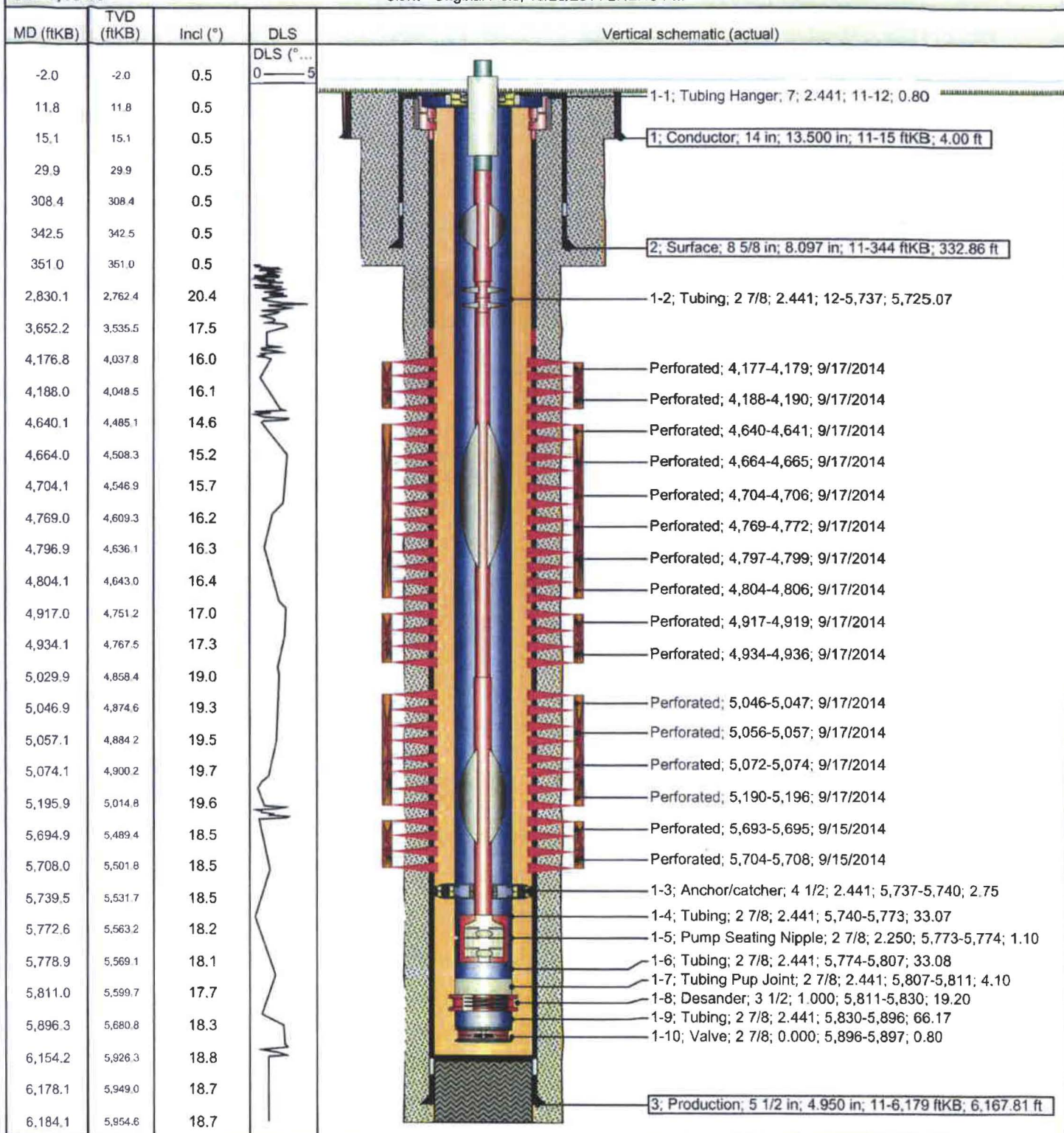
Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNW 2341 FNL 398 FWL Sec 30 T9S R16E	43013519940000	500173460	UTU74391	Utah	GMBU CTB3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PSTD (All) (ftKB)
8/4/2014	9/6/2014		6,325	6,314	Original Hole - 5,954.6	Original Hole - 6,154.2

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	9/15/2014	9/30/2014

TD: 6,184.0

Slant - Original Hole, 10/29/2014 2:12:15 PM





## NEWFIELD



## Schematic

Well Name: GMBU 5-30-9-16

43-013-51995

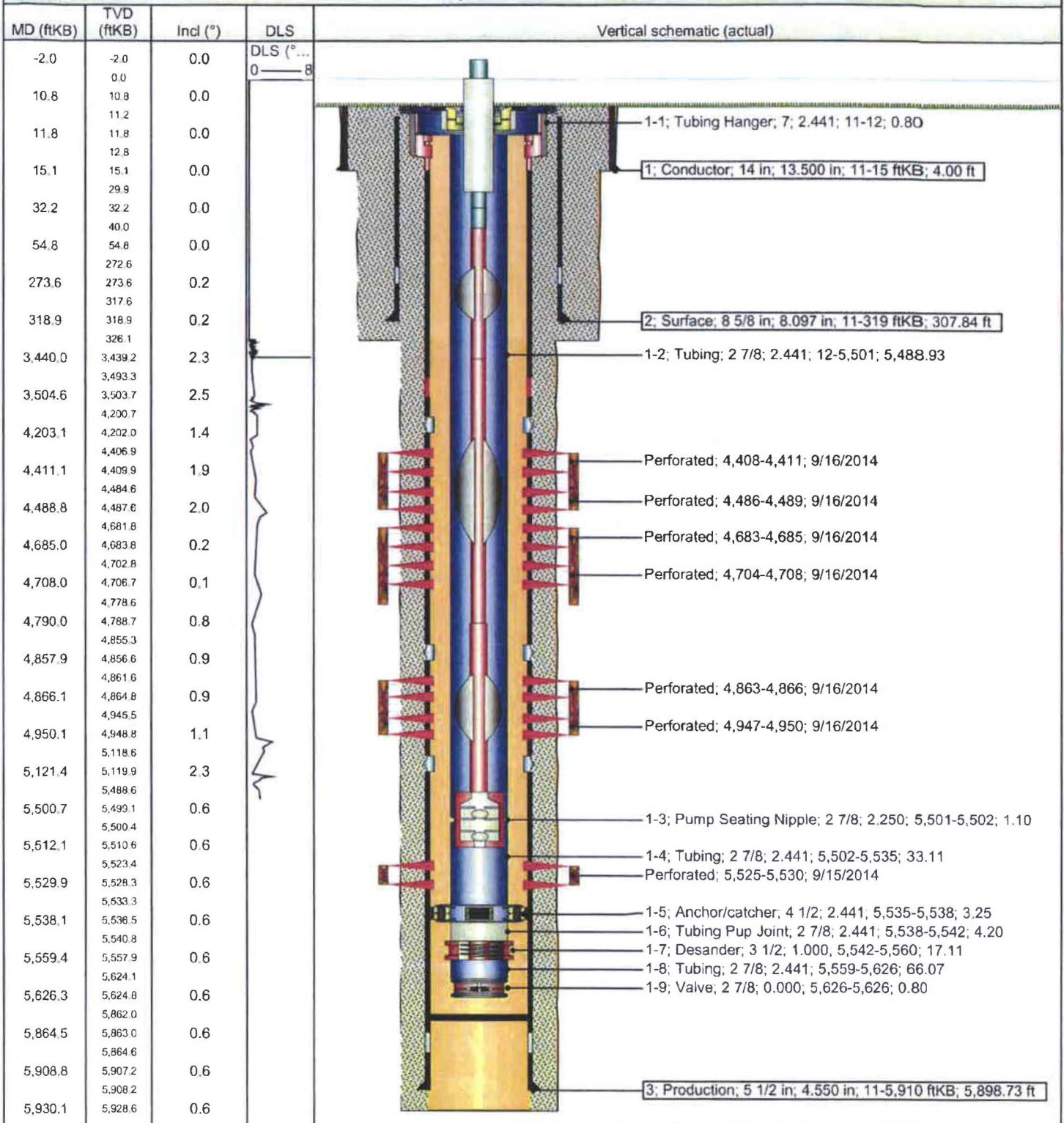
Surface Legal Location	APU/WVI	Well RC	Lease	State/Province	Field Name	County
SWNW 2362 FNL 400 FWL Sec 30 T9S R16E	43013519950000	500173458	UTU74391	Utah	GMBU CT B3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth Alt (TVD) (ftKB)	PBTD (Alt) (ftKB)
8/5/2014	9/10/2014		6,324	6,313		Original Hole - 5,863.6

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	9/15/2014	10/3/2014

TD: 5,930.0

Vertical - Original Hole, 10/29/2014 2:11:22 PM





## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **ASHLEY 16-25-9-15**

Sample Point:

Sample Date: **9/3/2013**Sample ID: **WA-252720**Sales Rep: **Michael McBride**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	9/11/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	6639.00	Chloride (Cl):	10000.00
System Pressure 1 (psig):	60	Potassium (K):	70.00	Sulfate (SO4):	17.00
System Temperature 2 (°F):	210	Magnesium (Mg):	9.00	Bicarbonate (HCO3):	3660.00
System Pressure 2 (psig):	60	Calcium (Ca):	34.00	Carbonate (CO3):	
Calculated Density (g/ml):	1.011	Strontium (Sr):	8.00	Acetic Acid (CH3COO)	
pH:	6.80	Barium (Ba):	1.50	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	20502.44	Iron (Fe):	38.00	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.06	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	1560.00	Lead (Pb):	0.00	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	5.00	Manganese (Mn):	0.20	Silica (SiO2):	25.68

## Notes:

B=9.8 AI=.1 LI=1.6

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.83	24.90	0.00	0.00	2.86	4.67	3.07	27.61	0.00	0.00	0.00	0.00	0.00	0.00	6.54	0.03
200.00	60.00	0.75	23.91	0.00	0.00	2.81	4.67	2.99	27.60	0.00	0.00	0.00	0.00	0.00	0.00	6.58	0.03
190.00	60.00	0.67	22.77	0.00	0.00	2.76	4.67	2.91	27.60	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.03
180.00	60.00	0.59	21.45	0.00	0.00	2.72	4.67	2.83	27.59	0.00	0.00	0.00	0.00	0.00	0.00	6.69	0.03
170.00	60.00	0.51	19.94	0.00	0.00	2.68	4.67	2.75	27.58	0.00	0.00	0.00	0.00	0.00	0.00	6.76	0.03
160.00	60.00	0.44	18.23	0.00	0.00	2.65	4.66	2.67	27.57	0.00	0.00	0.00	0.00	0.00	0.00	6.83	0.03
150.00	60.00	0.37	16.31	0.00	0.00	2.62	4.66	2.59	27.56	0.00	0.00	0.00	0.00	0.00	0.00	6.90	0.03
140.00	60.00	0.30	14.18	0.00	0.00	2.60	4.66	2.51	27.54	0.00	0.00	0.00	0.00	0.00	0.00	6.99	0.03
130.00	60.00	0.24	11.85	0.00	0.00	2.58	4.66	2.43	27.52	0.00	0.00	0.00	0.00	0.00	0.00	7.08	0.03
120.00	60.00	0.18	9.33	0.00	0.00	2.57	4.66	2.34	27.50	0.00	0.00	0.00	0.00	0.00	0.00	7.18	0.03

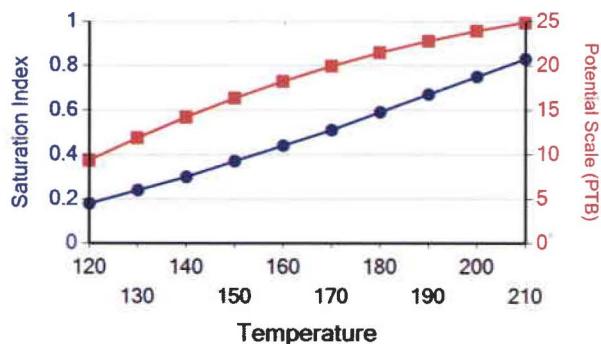
## Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.16	27.37
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.68	27.13
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	26.81
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.72	26.39
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	25.86
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.78	25.19
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.31	24.36
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	23.35
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.39	22.13
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95	20.67

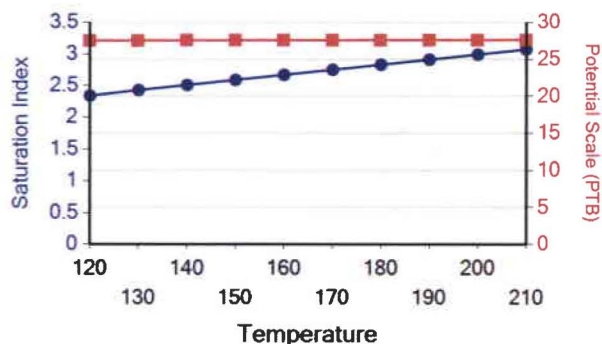
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Fe Silicate

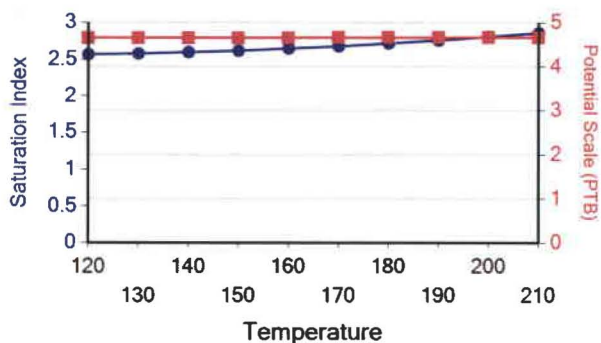
Calcium Carbonate



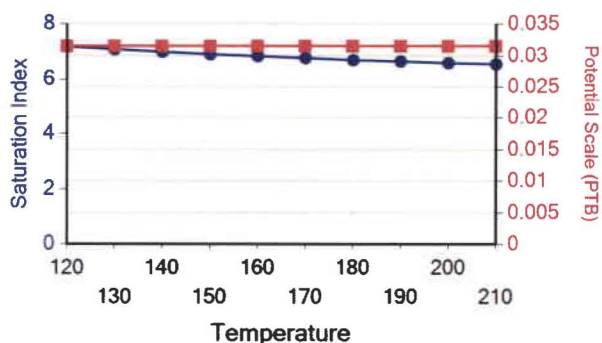
Iron Carbonate



Iron Sulfide



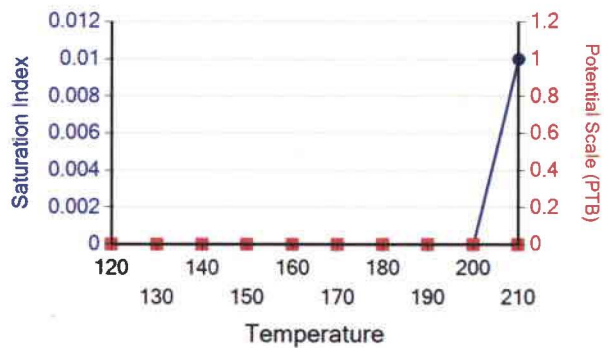
Zinc Sulfide



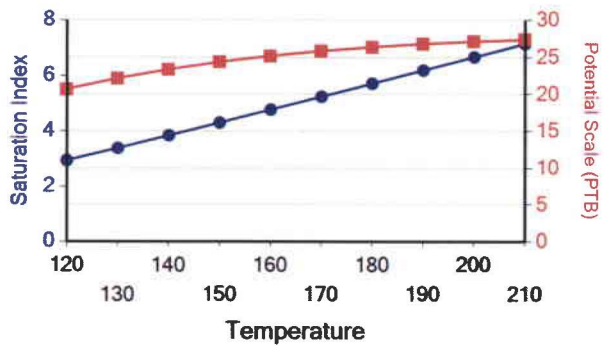


Water Analysis Report

Zinc Carbonate



Fe Silicate



## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **ASHLEY INJ FACILITY**  
 Sample Point: **After All Filters**  
 Sample Date: **11/18/2013**  
 Sample ID: **WA-259559**

Sales Rep: **Jacob Bird**  
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from  
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/27/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	4018.00	Chloride (Cl):	9000.00
System Pressure 1 (psig):	2000	Potassium (K):	1781.00	Sulfate (SO4):	85.00
System Temperature 2 (°F):	210	Magnesium (Mg):	13.00	Bicarbonate (HCO3):	1224.00
System Pressure 2 (psig):	2000	Calcium (Ca):	42.00	Carbonate (CO3):	
Calculated Density (g/ml):	1.008	Strontium (Sr):	8.10	Acetic Acid (CH3COO)	
pH:	8.30	Barium (Ba):	6.00	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	16204.49	Iron (Fe):	1.50	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	80.00	Lead (Pb):	0.00	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	4.00	Manganese (Mn):	0.18	Silica (SiO2):	25.68

## Notes:

B=6 Al=.07 Li=2.1

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.46	33.08	0.51	2.43	2.40	0.82	2.02	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.44	0.01
200.00	2000.00	1.41	32.54	0.52	2.46	2.38	0.82	1.97	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.52	0.01
190.00	2000.00	1.36	31.94	0.54	2.51	2.37	0.82	1.92	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.61	0.01
180.00	2000.00	1.31	31.31	0.56	2.56	2.36	0.82	1.87	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.70	0.01
170.00	2000.00	1.27	30.63	0.59	2.62	2.36	0.82	1.82	1.07	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.01
160.00	2000.00	1.23	29.93	0.62	2.69	2.37	0.82	1.77	1.07	0.00	0.00	0.00	0.00	0.00	0.00	7.91	0.01
150.00	2000.00	1.19	29.20	0.66	2.76	2.38	0.82	1.72	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.03	0.01
140.00	2000.00	1.15	28.46	0.70	2.84	2.39	0.82	1.67	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.15	0.01
130.00	2000.00	1.11	27.72	0.75	2.92	2.42	0.82	1.61	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.29	0.01
120.00	2000.00	1.08	26.99	0.81	2.99	2.45	0.82	1.56	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.01



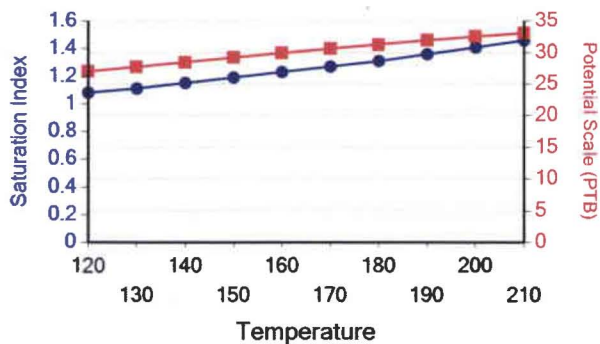
## Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> •0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.01	0.00	0.00	5.45	21.52	2.81	13.36	9.15	1.17
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.01	0.00	0.00	5.03	20.36	2.56	12.56	8.85	1.16
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.01	0.00	0.00	4.61	19.03	2.32	11.64	8.55	1.16
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	4.18	17.56	2.07	10.62	8.25	1.16
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	3.74	15.97	1.82	9.52	7.95	1.16
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30	14.29	1.56	8.35	7.65	1.16
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	12.54	1.31	7.13	7.34	1.16
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41	10.74	1.06	5.88	7.05	1.16
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	8.91	0.81	4.61	6.76	1.16
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	7.04	0.56	3.33	6.47	1.16

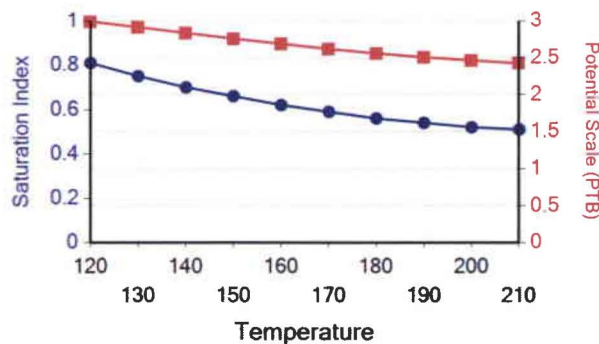
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

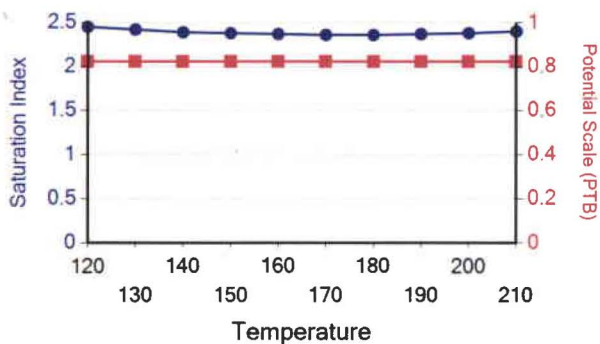
Calcium Carbonate



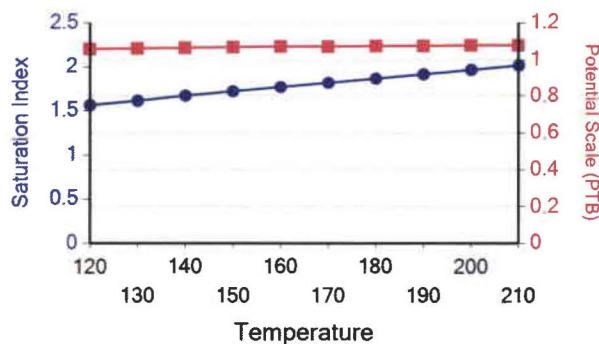
Barium Sulfate



Iron Sulfide



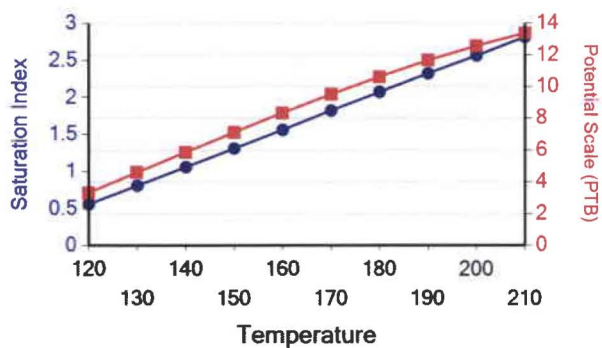
Iron Carbonate



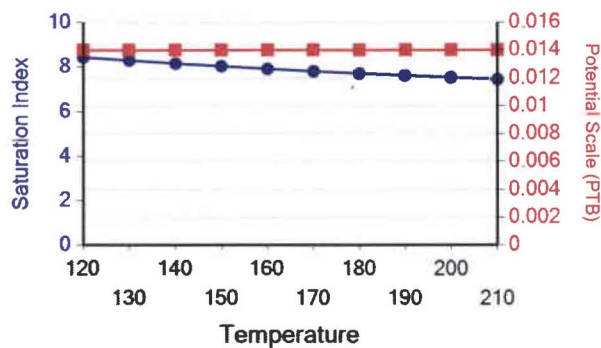


## Water Analysis Report

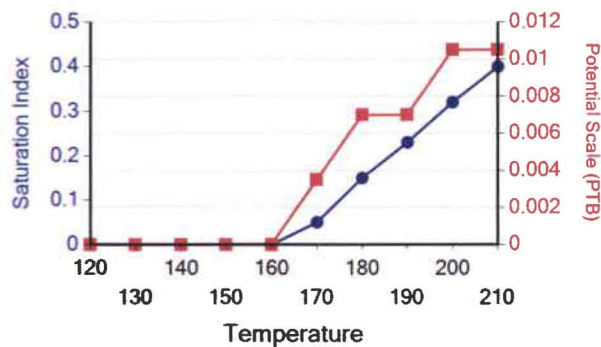
Ca Mg Silicate



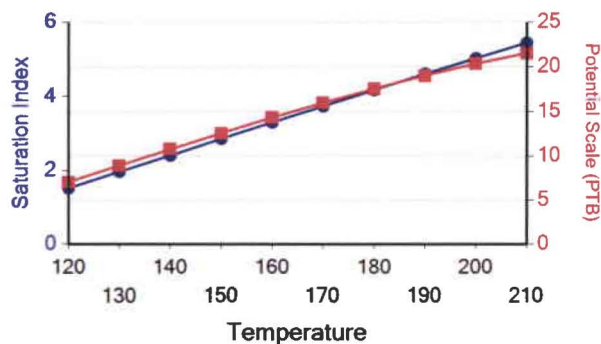
Zinc Sulfide



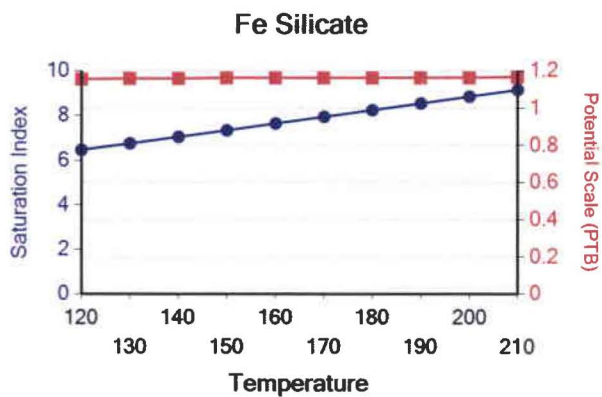
Zinc Carbonate



Mg Silicate



Water Analysis Report



**Attachment "G"**

**Federal #16-25-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5382	5388	5385	2146	0.83	2111
5321	5330	5326	2549	0.91	2514
5063	5068	5066	2407	0.91	2374
4934	4948	4941	2096	0.86	2064
4656	4662	4659	1772	0.81	1742
4071	4078	4075	1694	0.85	1668
				<b>Minimum</b>	<u><u>1668</u></u> ←

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



**Daily Activity Report**

Format For Sundry

**ASHLEY 16-25-9-15****3/1/2008 To 7/30/2008****5/8/2008 Day: 1****Completion**

Rigless on 5/7/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5749' & cement top @ 90'. Perforate stage #1, CP2 sds @ 5416-22' & 5382-88' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 48 shots. 138 BWTR. SWIFN.

**5/15/2008 Day: 2****Completion**

Rigless on 5/14/2008 - Stage #1, CP2 sands. RU BJ Services. 0 psi on well. Frac CP2 sds w/ 24,901#'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Broke @ 2803 psi. Treated w/ ave pressure of 2468 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2146 psi. Leave pressure on well. 492 BWTR Stage #2, CP1 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 5355'. Perforate CP1 sds @ 5321-30' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1900 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1900 psi on well. Frac CP1 sds w/ 40,028#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 4298 psi. Treated w/ ave pressure of 2246 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2549 psi. Leave pressure on well. 898 BWTR Stage #3, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 5' perf gun. Set plug @ 5160'. Perforate LODC sds @ 5321-30' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 20 shots. RU BJ Services. 2000 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1930 psi on well. Frac LODC sds w/ 14,780#'s of 20/40 sand in 278 bbls of Lightning 17 fluid. Broke @ 3882 psi. Treated w/ ave pressure of 2440 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2407 psi. LeStage #4, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 14' perf gun. Set plug @ 5010'. Perforate LODC sds @ 4934-48' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1930 psi on well. Frac LODC sds w/ 49,944#'s of 20/40 sand in 448 bbls of Lightning 17 fluid. Broke @ 2629 psi. Treated w/ ave pressure of 1904 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2096 psi. Leave pressure on well. 1624 BWTR ave pressure on well. 1176 BWTR Stage #5, B.5 & B1 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 2- 6' perf guns. Set plug @ 4800'. Perforate B1 sds @ 4688-94' & B.5 sds @ 4656-62' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1880 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1743 psi on well. Frac B1 & B.5 sds w/ 15,183#'s of 20/40 sand in 259 bbls of Lightning 17 fluid. Broke @ 4220 psi. Treated w/ ave pressure of 1879 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1772 psi. Leave pressure on well. 1883 BWTR Stage #6, PB7 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 4170'. Perforate PB7 sds @ 4071-78' w/ 3-1/8" Slick Guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots.

RU BJ Services. 1987 psi on well. Frac PB7 sds w/ 14,962#'s of 20/40 sand in 248 bbls of Lightning 17 fluid. Broke @ 4075 psi. Treated w/ ave pressure of 2165 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 1694 psi. Leave pressure on well. 2131 BWTR

5/16/2008 Day: 3

Completion

NC #1 on 5/15/2008 - 3:30PM MIRU NC#1, N/D 10,000 BOP & Frac Flnge, N/U 3,000 Flnge & 5,000 BOP, SWI, 6:00PM C/SDFN.

5/17/2008 Day: 4

Completion

NC #1 on 5/16/2008 - 6:30AM OWU, P/U & RIH W/-4 3/4 Bit, Bit Sub, 122 Jts Tbg To Fill @ 3831', R/U R/pmp, R/U Pwr Swvl, C/Out To Plg @ 4020', Drill Up Plg. Swvl I/Hle To Plg @ 4170', Drill Up Plg. Swvl I/Hle To Fill @ 4699', C/Out To Plg @ 4800', Drill Up Plg. Swvl I/Hle To Plg @ 5010', Drill Up Plg. Swvl I/Hle To Fill @ 5113', C/Out To Plg @ 5060' Drill Up Plg, Curc Well Cln. POOH W/-2 Jts Tbg, EOB @ 5119'. SWI, 6:30PM C/SDFN.

5/18/2008 Day: 5

Completion

NC #1 on 5/17/2008 - 6:30AM OWU, RIH W/Tbg To Plg @ 5355', Drill Up Plg. Swvl I/Hle To Fill @ 5670', Drill & C/Out To PBTD @ 5787', Curc Well Clean 1 Hr. POOH W/-4 Jts Tbg, EOB @ 5684', R/U Swab, RIH IFL @ Surf, Made 13 Swab Runs, Recvred 152 Bbls Wtr, Lite Trce Oil, No Sand. RIH W/-Tbg To PBTD @ 5787', No Fill, R/U R/pmp & Curc Well Cln. POOH W/-91 Jts Tbg, SWI, 6:00PM C/SDFN.

5/20/2008 Day: 6

Completion

NC #1 on 5/19/2008 - 6:30AM OWU, POOH W/-94 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 2 Jts Tbg, 5 1/2 T/A, 170 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp & Flush Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI 2 1/2x1 1/2x14x18' RHAC & Rod Production String Shown Below. Seat pmp, Hole Standing Full, Stroke pmp & Tbg To 800 Psi W/-Rig, Good Test. R/U Unit, Hang Rods On Unit. R/D Rig. 5:00PM C/SDFN. Leave Unit Down Due To Govener Fuel Problem, Mechanic Working On Problem. ( Note ) Unit Has 100" SL, ( Final Report ).

Pertinent Files: Go to File List

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 3923'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 186' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 374'

The approximate cost to plug and abandon this well is \$42,000.

## Ashley Federal 16-25-9-15

Spud Date: 04/13/08  
 Put on Production: 5/19/08  
 GL: 6405' KB: 6417'

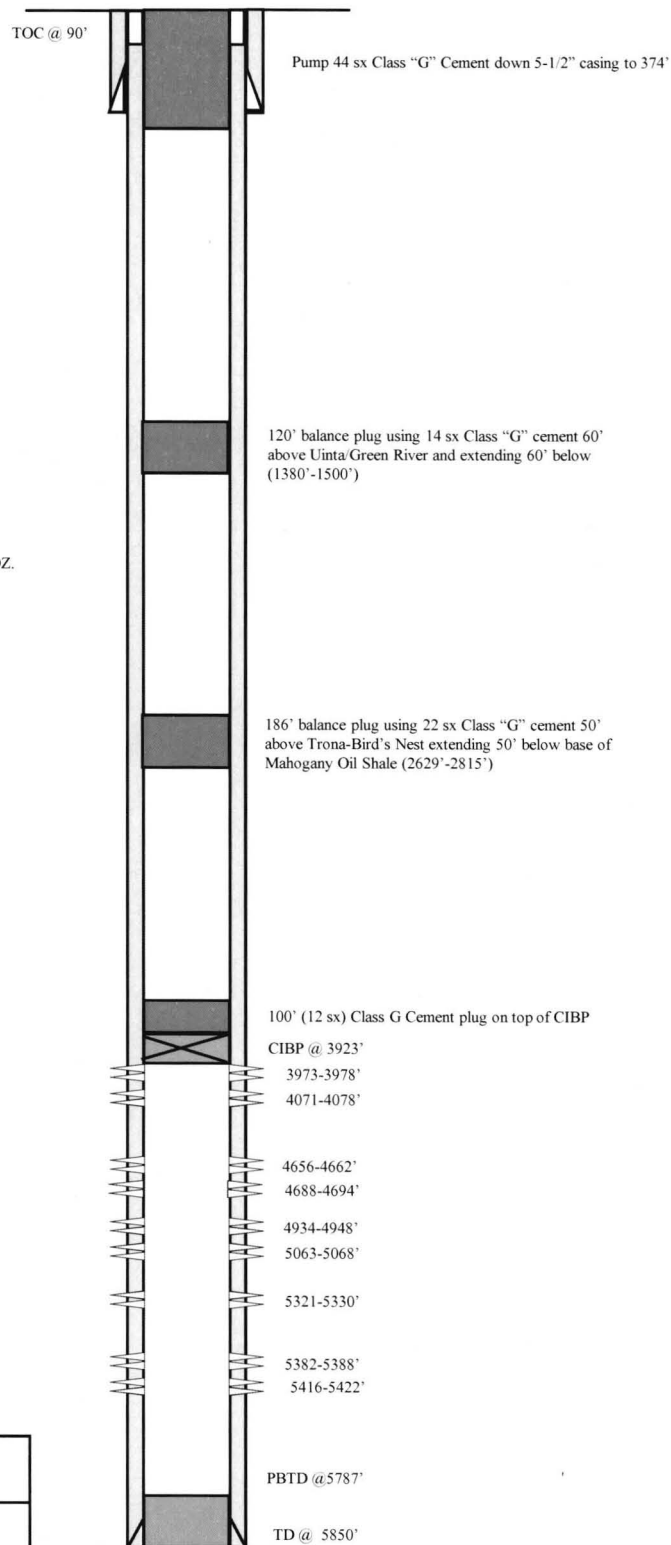
Initial Production: BOPD,  
 MCFD, BWPD

Proposed P & A  
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts 321.48  
 DEPTH LANDED: 323.89'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts 5805.41  
 DEPTH LANDED: 5817.96' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP: 90'



NEWFIELD

Ashley Federal 16-25-9-15

708'FSL &amp; 850' FEL

SE/SE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32951 ; Lease #UTU-66185

JL 1/14/2014